

MARY SMITH

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OBJECTIVE

Dedicated and hard working individual seeking a full time position in the field of Biomedical Engineering.

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY

Graduation Date: May 2008

Bachelor of Science Degree in Biomedical Engineering | Core Concentration: Biomaterials

GPA: 3.5/4.0 | Dean's List

EXPERIENCE

NSF Undergraduate Research Experience: Troy, NY

Spring 2007 - Present

Research Assistant

- Worked on an investigation of spherulite structure processing relationships of Polyhydroxyalkanoates.
- Developed an experimental approach to quantifying the structure and property relationships of Polymerspherulites.
- Established a correlation between PHA purity and the resulting growth rates.
- Integrating experimental data into a mesoscale simulation to better predict PHA properties, and widen their use in biomedical applications such as stents, and venous valves.
- Undergoing professional training in the use of polarized optical microscopy.

Why Plastics? Science Program: Troy, NY

May 2007-August 2007

Student Leader/Program Instructor

- Taught a classroom of 30 middle and high school students about Polymer science and applications to the manufacturing of Plastics.
- Developed lesson plans and laboratory sessions to complement the learning of scientific principles.
- Mentored students in social and communication skills.
- Created leadership and team building activities to create student interaction in the classroom.

Johnson & Johnson- Ortho Clinical Diagnostics: Rochester, NY

May 2006-August 2006

Research Development Summer Intern (Validation and Verification Group)

- Validated Tips used for the Fusion analyzer to identify the integrity of an environmentally safe resin coating.
- Investigated and improved timing for the procedures on the Ortho Summit Processor to improve the consistency of blood dispensing.
- Created Disaster recovery test protocols for the server of the Ortho Summit Processor to ensure accurate diagnostics.
- Developed accurate and detailed test protocols for GS HIV ½ assay to determine its accuracy in screening blood for the HIV virus.

LEADERSHIP

National Society of Black Engineers

September 2005-Present

President

- Leader of organization and liaison for corporate involvement.
- Developed a strategic plan and directives to successfully accomplish chapter goals.

Vice President

- Managed team of 13 Executive Board Members.
- Compiled monthly progress reports.
- Oversaw committees within the organization.

Lockheed Martin Leadership series

October 2005-June 2006

- Built additional leadership skills through a series of trainings and workshops.

Rensselaer Leadership Award Recipient

2007

JOHN SMITH

5555 Hill Road ♦ Storybook, VT 05650 ♦ Home: (555) 555-5555 ♦ Cell: (555) 555-5555 ♦ Email: Jsmith@rpi.edu
Fantasy & Sci-Fi Art Gallery: <http://fantasy and sci-fi.html>

♦ GAME ARTIST AND DESIGNER ♦

OBJECTIVE

To become a full-time artist that works with both two-dimensional and three-dimensional media; specializing in the field of character and environmental concept art and design.

SKILLS

- ♦ Fine art skills focusing in graphite and charcoal
- ♦ Experience with Adobe Photoshop and Adobe Illustrator
- ♦ 3D modeling, texturing, rigging, and animation in Maya
- ♦ 3D modeling and texturing in 3D Studio Max
- ♦ Creative writing and character design

EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, NY

B.S. in Electronic Media Arts and Communications | Minor in Game Studies

May 2007

Final GPA: 3.61

RELEVANT COURSEWORK

- ♦ Animation I and II, RPI Fall 2006- Spring 2007
 - Designed two 3D animated shorts made in Maya.
 - Created 2D animation using Macromedia Flash.
 - Completed 3D modeling, texturing, rigging, and animation in Maya
- ♦ Advanced Digital 3D Projects, RPI Spring 2007
 - Created a 3D animated short made in Maya.
- ♦ Game Development, RPI Spring 2006
 - Created “Dragon Flight” PC flight simulator.
 - Acted as lead character and level designer.
 - Completed 3D modeling, texturing, rigging, and animation in Maya.
- ♦ Designing Interactive Characters for Computer and Video Games, RPI Fall 2005
 - Designed and modified characters for use in video games.
 - Team won best in show for three characters created for final project
- ♦ Introduction to Game Design, RPI Fall 2004
 - Created a basic game design document for the final project.

PROFESSIONAL EXPERIENCE

Teaching Assistant, Mildred-Elley Game Design Camp, Latham, NY

July 2007 – August 2007

- ♦ Taught aspects of game design, artwork, character design, and world-building.
- ♦ Taught basic 3D modeling skills.
- ♦ Worked with children from grades 5 through 10.

Art Intern, 1st Playable Productions, Troy, NY

June 2006 – May 2007

- ♦ Prepared, tiled, and edited 2D levels.
- ♦ Created and edited 2D art resources.
- ♦ Assisted with the modeling and texturing of 3D models using 3D Studio Max.
- ♦ Playtested games.
- ♦ Worked on the following games:
 - “The Santa Clause 3: The Escape Clause” Nintendo Game Boy Advance
 - “Marvel Trading Card Game” Nintendo DS
 - “Gopets: Vacation Island” Nintendo DS
 - “Ben 10: Protector of Earth” Nintendo DS

OTHER EXPERIENCE

- ♦ Designed cover art and interior artwork for the Genericon XIX con book, and promotional art for Genericon XXI.
- ♦ Part of independent study project team working on “Pirates”; a PC arena racing game, with the following responsibilities
 - Character design
 - 3D modeling, texturing, and animation using Maya

JOHN M. SMITH

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PRESENT ADDRESS

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PERMANENT ADDRESS

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Clifton Park, NY 12065
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OBJECTIVE

A summer internship in the field of Aeronautical or Mechanical Engineering.

EDUCATION

Dual B.S. Degree in Aeronautical & Mechanical Engineering
Rensselaer Polytechnic Institute, Troy, NY
Current GPA: 3.74/4.0

Graduation: May 2009

RELATED EXPERIENCE

Mechanical Engineering Intern

12/06 – Present

East/West Industries, Ronkonkoma, NY

- Designed, analyzed and prototyped various components and subsystems for the pilot, co-pilot, and operator seats for the Northrop Grumman E-2D Hawkeye.
- Extensively used Solidworks program to convert engineering drawings into CAD models for the incorporation and modification for future designs.
- Designed a prototype of an actuating system for the pilot and copilot seats for a General Dynamics land-based vehicle.
- Modeled and cataloged an extensive database of Military Standard and National Aerospace Standard hardware to be used in future designs.

Sales Engineering Intern

6/06 – 8/06

FESTO Corporation, Hauppauge, NY

- Designed and laid out a demonstration board of actuators to be viewed by potential customers.
- Researched competitors' comparable products and compiled a list of strengths and weaknesses by thoroughly analyzing their designs.
- Tested consistency of important attributes of newly designed fast-action valves.
- Complied and researched a catalog of specialized parts from international FESTO contingents to be used in the US.

IT Support Specialist

6/05 – 8/05

FESTO Corporation, Hauppauge, NY

- Gave hands-on computer help to solve both hardware and software problems.
- Phone support given for all North American employees.
- Updated hardware and software on computers.

HONORS

RPI Dean's List

Fall 2005 - Present

Pi Tau Sigma, Mechanical Engineering Honor Society

Spring 2007 - Present

Sigma Gamma Tau, Aeronautical Engineering Honor Society

Spring 2007 - Present

Eric Lopez Scholarship Award

2006

Rensselaer Leadership Award

2005

Rensselaer President's Award

2005

FESTO Corp. Robotics Scholarship

2005

ACTIVITIES

US FIRST Robotics, Vice President and Head of Engineering

Fall 2001 - Summer 2005

Design/Build/Fly Competition

Fall 2007 - Present

Intramural Soccer, Captain

Spring 2006 - Present

Fitness Club

Fall 2006 - Present

Ski Club

Fall 2005 - Present

COMPUTING SKILLS

- Experienced in Solidworks 3D CAD software, MATLAB, Maple, MINITAB Statistics software, Silicon Labs Integrated Development Environment, Lotus Notes, Microsoft Excel, Microsoft Power Point, and Microsoft Word.
- Experienced with the C programming language.

JOHN SMITH

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New York, NY 12208

CAMPUS ADDRESS:

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Troy, NY 12180

FBI CLEARANCE

EDUCATION:

Rensselaer Polytechnic Institute, Troy, NY

Expected Graduation: May 2009

B.S. Civil Engineering
Minor: Psychology
Current GPA: 3.1/4.0

RELEVANT EXPERIENCE:

M.A. Mortenson Company Newport, RI

May 2006 – August 2006

Field Engineer

- ◆ Updated as-built drawings with Requests for Information (RFI's) and Request's for Proposals (RFP's) and processed RFI's returned from the government.
- ◆ Completed safety audits and recorded moisture and temperature reading daily.
- ◆ Procured cleaning subcontractor and created contract.
- ◆ Assisted in gathering and processing O&M manuals.

Urbitran and Associates, New York, NY

May 2002 – August 2002

Civil Engineering Intern

- ◆ Checked calculations on 2nd avenue bridge reconstruction and the Buffalo Parking Garage restructuring.
 - ◆ Worked on several projects alongside mentor Mr. Pablo Valle.
-

ADDITIONAL EMPLOYMENT:

Rensselaer Polytechnic Institute, Troy, NY

December 2005 – May 2007

Resident Assistant

- ◆ Moderated and maintained a cohesive and safe living area for seventy upper and underclass residents.
 - ◆ Enforced all Residence Hall rules and regulations (i.e. quiet and courtesy hours, and cleanliness of communal areas).
 - ◆ Conducted social and educational programs that enhanced the living and learning experience on the Rensselaer campus.
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HONORS:

- ◆ Lambda Upsilon Lambda Fraternity Inc. Elite Student Award Fall 2007
 - ◆ Arthur O. Eve Trailblazer Award for Academic and Leaderships Accomplishments Spring 2007
 - ◆ National Action Council for Minorities in Engineering Scholar Spring 2006
 - ◆ Dr. Paul B. Zuber Award for Outstanding Scholastic Achievement Spring 2006
 - ◆ Gold medal for highest average in the Civil Engineering major at Brooklyn Technical H.S. June 2004
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SKILLS:

Programs/Software: Solid Works 2005, NX 4, Maple 9.5, Microsoft Office

Operating Systems: Windows 95, 98, 2000, XP, Vista

LEADERSHIP AND ACTIVITIES:

National Society of Black Engineers (NSBE)

- ◆ Upstate Zone Treasurer: National Society of Black Engineer 2005-2006
- ◆ Mailing Co-Chair : NSBE/SHPE Career Fair 2005-2006;2006-2007

Society of Hispanic Professional Engineers (SHPE)

- ◆ Active Member 2004-2007
- ◆ Xerox Scholarship Recipient 2005- 2006; 2006-2007
- ◆ Member of the Year 2006-2007
- ◆ SHPE Outreach Weekend Chair 2006-2007
- ◆ 29th Annual NSBE/SHPE Career Fair Co-Chair 2007

KAREN SMITH

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Permanent Address: 100 Autumn Avenue ♦ Brooklyn, NY 11208 ♦ (555) 555-5555 ♦ **Email:** smithK@rpi.edu

OBJECTIVE	To obtain a full time job in the field of Research and Development in Biomedical Engineering.	
EDUCATION	Rensselaer Polytechnic Institute, Troy, NY B.S. in Biomedical Engineering GPA: 3.5	May 2008
RELEVANT EXPERIENCE	UMASS – Amherst, Conte Polymer Science & Engineering, Amherst, MA <i>SPUR Intern</i>	Summer 2007
	<ul style="list-style-type: none">♦ Worked on a research project that involved creating recombinant phage DNA in the testing of bacterial cell lysis induction.♦ Proficient in Real-Time Polymerase Chain Reaction (PCR) protocols, spectrophotometry analysis using Nanodrop, agarose plate prep & spreading, gel electrophoresis.	
	RPI Electrical Engineering Department, Troy, NY <i>CenSSIS Internship</i>	Summer 2006
	<ul style="list-style-type: none">♦ Worked on a research project that included the analysis of protein change in axonal specification of neurons using 2D images and Matlab.	
	RPI Introduction to Engineering Design, Troy, NY <i>Team Secretary</i>	Spring 2006
	<ul style="list-style-type: none">♦ Designed and managed the construction of the base sub-system of a Soda Bottle Rocket projectile launcher.♦ Responsible for Gantt charts, project cost analysis, and maintaining organization of CAD drawings.	
SKILLS	Solidworks (Computer Aided Design), familiar with Matlab and Minitab (statistical computing system)	
LEADERSHIP/ ACTIVITIES	Residence Life, RPI Resident Assistant	2006 – Present
	<ul style="list-style-type: none">♦ Organize and facilitate social and professional programs for 80 on-campus residents.♦ Responsible for the safety and well-being of students.	
	Society of Hispanic Professional Engineers (SHPE), RPI <i>Regional Representative</i>	2006 – Present
	<ul style="list-style-type: none">♦ Responsible for conference budgeting, increasing graduate members, and strengthening alumni relations.	
	<i>External Secretary</i>	2005 – 2006
	<ul style="list-style-type: none">♦ Liaison between members and Executive Board.♦ Received XEROX Dedication award♦ Facilitated and organized 1st Annual SHPE Appreciation Night.♦ Created and managed a successful tutoring system.	
	NSBE/SHPE Career Fair, RPI <i>Food Co-Chair</i>	2007
	<ul style="list-style-type: none">♦ Managed, monitored, and facilitated execution of providing meals and beverages for employers and staff members for a career fair with over 200 employers in attendance.	
	<i>Advertising Co-Chair, RPI</i>	2005, 2006
	<ul style="list-style-type: none">♦ Designed t-shirts, flyers, and signs for the largest student run career fair in the nation; Ensured deadlines for flyers and advertisements were met.	
ADDITIONAL EXPERIENCE	Program Apollo (Janus Enterprise), RPI, Troy, NY: <i>Administrative Assistant</i>	June 2006
	Chuck E. Cheese Entertainment, New York, NY: <i>Cashier</i>	May 2005 – August 2005
	So Good Jewelry Inc., New York, NY: <i>Sales Associate</i>	June 2004 – August 2004

John Smith

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Present Address:
555 Peoples Avenue
Troy, NY 12180

OBJECTIVE	To obtain a summer internship in industry where I will be able to utilize my mathematical ability.	
EDUCATION	Rensselaer Polytechnic Institute (RPI), Troy, NY Master of Science in Applied Mathematics GPA: 3.8	Expected: December 2008
	Marist College, Poughkeepsie, NY Bachelor of Arts in Mathematics Minor: Business Administration Overall GPA: 3.9 Mathematics GPA: 4.0	May 2006
RELEVANT COURSEWORK	Math Capping, RPI Collaborated to construct a model of the U.S. Space Shuttle in orbit.	Spring 2007
	Numerical Computing, RPI Utilized MATLAB to solve various problems.	Spring 2007
	Math Models of Operation Research, RPI Solved deterministic models of operations research.	Fall 2007
	Radar Imaging, RPI Examined the mathematics behind producing a high resolution radar image.	Fall 2007
	Human Resource Management, Marist College Studied the effects of merit based pay in the public sector.	Spring 2006
HONORS & AFFILIATIONS	Annette Urso Rickel Foundation, Scholarship for Mathematics/Science Teachers PascGalois Summer Undergraduate Research Retreat, New College of Florida Alpha Chi National Honor Society: Theta Chapter 188 of New York Kappa Delta Pi, International Honor Society in Education, Alpha Gamma Kappa Association of Mathematics Teachers of New York State Hawaii State Teachers Association & National Educators Association	2004 - 2006 June 2005 May 2005 April 2006 2005-present 2006-present
TECHNICAL SKILLS	Proficient in: Microsoft Office, Internet and MATLAB Working knowledge of: MAPLE, R (statistical analysis software), SMART Board, and LaTeX	
PROFESSIONAL EXPERIENCE	Teacher's Assistant-Rensselaer Polytechnic Institute, Troy, NY <ul style="list-style-type: none">Teach and reinforce Calculus I concepts during recitations and in office hours.Grade all homework and exams.	August 2007-present
	Electrical Assistant-Lightening Electric, Glasco, NY <ul style="list-style-type: none">Assist in the wiring of new homes, renovations, and repairs.	2002-present
	Mentor-Liberty Partnership, Poughkeepsie, NY <ul style="list-style-type: none">Enhanced development of communication skills, mathematics ability, and social skills.	2004-2005
ACTIVITIES	Marist College Emerging Leaders Program- completed certificate program.	2004-2006
	American Cancer Society Relay for Life - Planning Committee for Marist event.	2004-2006
	Marist College Student Programming Council – executed activities for the student body.	2004-2006

John Smith

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Campus Address

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Troy, NY 12180
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Permanent Address

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Roanoke, VA 23857
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Objective:

To obtain a challenging position in the Mechanical Engineering field that utilizes the skills learned in undergraduate coursework and presents the opportunity to make a contribution to organizational goals.

Education:

Rensselaer Polytechnic Institute, Troy, NY

May 2008

Bachelor of Science in Mechanical Engineering, Minor in Electronic Arts

Mechanical Engineering Major Rank: 33/221; GPA 3.70/4.0

Mechanical Engineering Academic Experience:

- Used linear algebra and statistics to emphasize engineering applications.
- Applied free-body diagrams, vector algebra and calculus, and computer simulations to model and solve problems for particle and rigid body systems.
- Utilized Newtonian Dynamics, kinematics and kinetics, as well as energy and moment methods, including LaGrange's Equations, to understand dynamic forces and their effects on dynamic balance and operation of machines including the stresses of individual components.
- Made use of basic design techniques of mechanical components and integrated assemblies that focused on loads, stresses, strains, failure phenomena and material selection.

Selected Design Projects:

Introduction to Engineering Design, RPI

Fall 2006

- Created working elevator model, web-based simulation, and lab manual.

Intermediate Digital Imaging, RPI

Spring 2005

- Produced interactive artwork that was a critique/satire of Engineering at RPI for public display.

Computer Skills:

BASIC:

Windows ME/XP, Microsoft Office, Adobe Acrobat

ENGINEERING:

SolidWorks, Basic C Programming, IsoDraw, MatLab

IMAGING:

Adobe Photoshop, Basic Adobe Suite (Flash, Dreamweaver, Illustrator)

Related Experience:

Lockheed Martin Owego, NY

Mechanical Engineering Intern

Summer 2007

- Implemented IsoDraw and Corel Draw to revise and create Illustrated Parts Breakdown, Remove/Install, Weapons Replaceable Assemblies, and Control & Indicator graphics for maintenance and operations manual.
- Updated and maintained database of completed, in work, and demanded graphics.
- Communicated with technical writers in an effort to complete graphics in a timely fashion.
- Co-Chaired company-wide volunteer Bottle & Can Drive for local Humane Society.

Pratt & Whitney East Hartford, CT

Mechanical Engineering Intern

Summer 2006

- Created avionics box demo interface using Adobe Flash and HTML.
- Researched Engineering Services in effort to expand P&W aftermarket.
- Used Access to implement database for market research.
- Worked on other projects to help the diagnostics and engine health management programs.
- Created environmental health & safety posters for office use.

Awards/Activities:

Dean's List; Rensselaer Medal Award; School Newspaper (*The Polytechnic*) Editorial Cartoonist; Intramural Soccer; College Republicans

Jenna Smith

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Permanent Address: 106 Plum Street, Summers, NY 11717 ♦ (555) 555-5555

OBJECTIVE:

To complete a two year post-baccalaureate program and matriculate into medical school.

EDUCATION:

Rensselaer Polytechnic Institute, Troy, NY

B.S. in Science, Technology, & Society | Minor: Biology

May 2009

WORK EXPERIENCE:

Rensselaer Polytechnic Institute, Office of Minority Student Affairs, Troy, NY

Resident Director for Higher Education Opportunity Program

June 2007-August 2007

- Liaison between the residents, the Teaching Assistants and the Director of the Higher Education Opportunity Program.
- Transported residents to various destinations and served as a resource by giving mental and emotional support to the residents.

North Shore University Hospital, Respiratory Medical Unit, Glen Cove, NY

Unit Service Associate

May 2006- August 2006

- Transcribing doctors' orders into the nurses' medicine books.
- Worked with a computer-based program to schedule testing for patients.
- Administered all incoming calls, and directed inquiries accordingly.

North Shore University Hospital, Physical Medicine & Rehabilitation, Glen Cove, NY

Transport Aide for Physical Therapy

May 2005- May 2006

- Transported patients to and from the department, and maintained orderliness and cleanliness of the department.
- Aided in support and safeguarding of patients during transfers, ambulation activities, and hydrotherapy treatments, while maintaining patient confidentiality.

RESEARCH:

- Researched Morphogenesis of Plant Brassica rapa When Controlled by Sporadic Light Intensity.
- Observed Escherichia coli growth rates and protein expression when treated with different concentrations of the antibiotics Ampicillin and Chloramphenicol.
- Participated in research to demonstrate the process of alternative splicing; played the part of the 5' splice site of the mRNA in a molecular biology video.
- Worked on the Mouse Glycomics Project to study the isolation and structural characterization of glycoaminoglycans from different mouse tissues.

ACTIVITIES:

- Minority Association of Pre-Medical Students (MAPS), Chapter Founder & President 2007-Present
- Society of Biological Sciences, Member September 2006- Present
- Black Students Alliance, Member 2004-Present
 - Chair Emeritus (2006-2007) ♦ Vice President (2005-2006) ♦ Freshman Representative (2004-2005)
- Big Brother Big Sister of Albany September 2006-Present
- National Society of Black Engineers (NSBE), Member 2004-2005

VOLUNTEER EXPERIENCE:

- Joseph's House, Troy, NY: served and helped cook food for the less fortunate 2004-2006
- Capital Region AIDS Walk, Albany, NY 2004-2006
- Black Cultural Center Clean Up, Troy, NY 2004-2005
- Victory Christian Church, Albany, NY 2005-2006

SKILLS:

- Language: fluent in Creole
- Computer: Microsoft Excel/ PowerPoint/ Word

HONORS:

- Emily Roebling Scholarship
- Rensselaer Alumni Scholarship
- ASPIRE (Academic Success & Peers Inspiring Rensselaer Excellence) Mentor Award

Susie Williams

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- OBJECTIVE** To obtain a full time Co-op in Business Management to gain additional knowledge and experience in the field.
- EDUCATION** **Rensselaer Polytechnic Institute (RPI), Troy, NY** Graduation Date: May 2009
B.S. Degree in Management
Cumulative GPA: 3.61 / 4.0
- WORK EXPERIENCE** **City National Bank, Los Angeles, CA** Summer 2007
Summer Intern, Community Reinvestment Department
- Qualified organizations as community reinvestment.
 - Analyzed Community Reinvestment Act Performance Evaluations of other banks.
 - Evaluated community commitments of competitors.
 - Researched census tracts using the FFIEC Geo-coding System.
- City National Bank, Beverly Hills, CA** Summer 2006
Summer Intern, Asset Management Department
- Researched the stock market using Bloomberg.
 - Analyzed stock trends using Scorecard.
 - Used economic research and stock market analysis to determine investment strategies and asset allocation.
- Vector Marketing Inc., Torrance, CA** Summer 2005
Senior Sales Advisor
- Presented high-quality line of cutlery and culinary items to approximately 100 customers through in home demonstrations.
 - Achieved highest sales rank within the company, which resulted in a 15% increase in commission rate.
- Unified Western Grocers, Los Angeles, CA** June-August 2004
Customer Service Intern
- Responsible for the accurate and timely filing of important documents which were used by 90% of the company.
 - Processed customer orders and managed using an excel database.
- LEADERSHIP** National Society of Black Engineers August 2007-May 2008
- Community Service Chairperson
- Black Student's Alliance August 2006-May 2007
- Treasurer
- RPI Step Team August 2006-May 2007
- Captain
- ACTIVITIES/AWARDS** RPI Dean's List (consecutive semesters) Fall 2005-Spring 2007
Junior Achievement Consultant January 2006-May 2006
STEP Tutor and Mentor January 2007-May 2008
- COMPUTER SKILLS** Proficient in MS Word, Access, Excel, PowerPoint, Bloomberg
- LANGUAGE SKILLS** Working understanding of Spanish

Michael Jones

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- OBJECTIVE** To obtain marketing position with a business that has a fast pace and challenging environment.
- EDUCATION**
- Rensselaer Polytechnic Institute (RPI), Troy, NY** Expected: May 2008
Bachelor of Science in Management with a Minor in Economics
- ◆ Cumulative GPA: 3.06/4.0; In-Major GPA: 3.57/4.0
 - ◆ Dean's List; Rensselaer Leadership Award
- ESADE Business School Exchange Program, Barcelona, Spain** January 2007-May 2007
- ◆ Adapted to a new culture and way of life in a foreign country without any contacts.
 - ◆ Created and managed social, cultural, and travel events for a group of 150 exchange students from 25+ countries.
 - ◆ Gained familiarity with numerous cultures around the world through personal interactions.
- RELATED COURSEWORK**
- Marketing Principles, RPI** Fall 2006
- ◆ Took marketing theories and practices and applied them to real world problems.
- Managerial Finance, RPI** Spring 2007
- ◆ Created and analyzed financial statements (current and pro forma).
 - ◆ Created and managed budgets for simulated companies.
- Computer Information Systems, RPI** Fall 2007
- ◆ Created and managed a MS SQL server database and used it in direct support of real business processes.
- SKILLS**
- Languages**
- ◆ Native English, proficient in Spanish, and a working knowledge of French and Catalan.
- Technical**
- ◆ Experience with C, C++, MS SQL Server, and HTML computing languages.
 - ◆ Proficient with all Microsoft Office Products (Word, Excel, PowerPoint, Access).
 - ◆ Excellent troubleshooting skills with all PC hardware and Microsoft Operating Systems.
- WORK EXPERIENCE**
- Motor Vessel Phoenix, Newport, RI** July 2007-August 2007
Captain
- ◆ Managed the safety of all passengers, maintenance of all systems, and provisioning.
 - ◆ Increased judgment, decision-making, and critical thinking skills dealing with varying weather and traffic situations.
- Rensselaer Polytechnic Institute, Troy, NY** August 2006-December 2006
Teaching Assistant: Accounting for Decision Making
- ◆ Provided outside help for 60 students during bi-weekly office hours and individual sessions.
 - ◆ Responsible for the grading of all assignments and tests.
- Wickford Marina, Wickford, RI** Summers 2005 & 2006
Waterfront Staff
- ◆ Responsible for all aspects of running the marina, including maintenance, reservations, provisioning, and dock traffic.
 - ◆ Dealt with needs and concerns of all seasonal and transient customers.

Nicholas Smith

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CAREER OBJECTIVE

To gain real world, industry based experience and knowledge in order to advance my understanding and passion for Mechanical Engineering and help shape a successful future career in the field.

EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, NY Expected Graduation: December 2008
B.S. in Mechanical Engineering
Cumulative GPA: 3.57/4.0

PROFESSIONAL EXPERIENCE

General Electric Company, Latham, NY September 2007-Present
Transportation Systems Co-Op (Marine and Stationary Division)

- Developed pricing lists/modules using Oracle.
- Responsible for product pricing.
- Created reference materials containing engine data.
- Performed data analysis to validate theories of increased number of orders placed via the World Wide Web.
- Supported training class logistics (acquisition of materials including books, visual aids, and diesel engine parts).

ASML, USA, Wilton, CT May 2007-August 2007
Summer Intern, Optics Division

- Developed standardized forms to track optics through the different stages of the production process.
- Designed a computer program using Visual Basic for Applications (VBA) to compile optic tracking forms into a summary for use during a daily meeting between the logistics department and numerous departmental managers and directors.
- Developed the process and equipment needed to conduct testing of a specific optic.
- Participated in a Gage R&R class, resulting in certification in Gage R&R from CONNStep, Inc.

The Home Depot, Stratford, CT April 2006-August 2006
Sales Representative, Millwork Department

- Assisted customers by designing/ordering custom millwork products such as doors, windows, garage doors, moulding, shutters, etc.

United States Navy, Annapolis, MD June 2004-January 2006
Midshipman

- Received training to become a U.S. Naval Officer including teamwork, leadership, and ethics training.
- Spent summer semester aboard a U.S. Navy Guided Missile Destroyer in Japan in the roles of both an enlisted sailor and an officer.
- Held Secret Level Security Clearance.

RELATED COURSEWORK

Thermal and Fluids Engineering 1, 2, and Lab, RPI Fall 2007
Application of thermodynamics, heat transfer, and fluid flow principles to practical engineering systems, including power generation, HVAC, automotive design, materials processing, etc.

Mechanical Design/Mechanical Systems, RPI Spring 2006
Design of mechanical components from a failure perspective including shafts, couplings, bearings, gears, springs, clutches, brakes, screws, fasteners, and bonded joints.

Control Systems/Embedded Control, RPI Fall 2005
Modeling, analysis and control of dynamic systems including feedback control, systems compensation, stability, and controller design.

HONORS AND ACTIVITIES

- RPI Dean's List (consecutive semesters) Fall 2006-Present
- Treasurer - Pi Tau Sigma International Mechanical Engineering Honor Society October 2007-Present
- Member - American Society of Mechanical Engineers September 2006-Present

TECHNICAL SKILLS

UGS NX 4, VBA and C Programming, Microsoft Office Suite, Machine Tools (lathe, vertical/horizontal mill, etc.)

John Smith

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OBJECTIVE

To obtain a summer internship in the field of Electrical Engineering.

EDUCATION

B.S. in Electrical Engineering May 2009
Rensselaer Polytechnic Institute (RPI), Troy, NY
GPA: 3.7

A.S. in Engineering Science December 2005
Hudson Valley Community College, Troy, NY
Dean's List | President's List
GPA: 3.8

RELEVANT COURSEWORK

Laboratory Introduction to Embedded Control, RPI Fall 2005
▪ Programmed a photosensitive car to do different tasks which included following a given path and a performing a u-turn to move back to its starting location.

Introduction to Engineering Design, RPI Fall 2004
▪ Designed and managed the construction of an egg launcher device with precise targeting mechanism.
▪ Produced a mouse trap powered car which carried a load and optimized it to go the furthest distance in the given time limit.
▪ Created a car powered by a battery to go up an incline to a plateau and maintain its position against an opposing car coming up the incline from the other end.

SKILLS

Software:

- Matlab, Maple, AutoCAD, Microsoft Office, Dreamweaver, Visual Basics

Laboratory:

- Built circuits and wrote programs to utilize circuits to perform given tasks.
- Conducted experiments and verified given theories in Physics, Chemistry, and Fields and Waves Lab.
- Built a small aluminum cannon utilizing variety of machinery in Engineering Processes lab.

General:

- Experience organizing successful community events.
- Demonstrate high quality work and attention to details.
- Fast learner and dedicated to the task/job at hand.
- Able to work well in a group setting.
- Excellent problem solving skills.
- Enthusiastic and ready to learn new things.

PROFESSIONAL HISTORY

Sales Associate, Target, Latham, NY August 2006 - Present
▪ Assist customers with product selection and provide the best possible service.
▪ Named Top Performer in Sales Department with the highest sales per hour average.

Workstudy, RPI Career Development Center, Troy, NY January 2006 - October 2006
▪ Answered office phone and attended to questions from students.
▪ Assisted staff on various projects and assignments on a regular basis.
▪ Assisted in organizing recruiting and employer sponsored events.

Jack Someone

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Current Address: 110 8th Street, Troy, NY 12180 ♦ Permanent Address: 5 Sun Hill Road, Anytown, NY 55555

OBJECTIVE

To obtain a full-time position in the field of Software Development.

EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, NY

B.S. in Computer and Systems Engineering

May 2009

GPA: 3.96/4.0

RELEVANT EXPERIENCE

MITRE Corporation, Bedford, MA

January 2006-August 2006

Computer and Systems Engineering Co-op

- ♦ Developed a scalable software prototype for streaming time-sensitive data.
- ♦ Worked closely with developers of client applications to ensure their requirements were met.

RPI Center for Automation Technologies, Troy, NY

September 2005-December 2005

Undergraduate Research

- ♦ Wrote a speech recognition system for the SONY AIBO.
- ♦ Prototyped the system using Matlab and by implementing C++.
- ♦ Gained experience developing, testing, and debugging complex software for a robotic system.

RPI Artificial Intelligence and Reasoning Laboratory, Troy, NY

May 2005-August 2005

Undergraduate Research

- ♦ Worked on a computer vision application for use in a machine-learning project.
- ♦ Developed the system in Matlab using the image processing toolbox.

RPI Algorithmic Robotics Laboratory, Troy, NY

January 2005-May 2005

Undergraduate Research

- ♦ Measured the power consumption tradeoff between locomotion and wireless transmission of data for mobile robots attempting to solve the data aggregation problem in sensor networks.
- ♦ Responsibilities included planning the experiment, acquiring the required measurement tools, collecting the data, and presenting the results.

RPI Introduction to Engineering Design, Troy, NY

September 2004-December 2004

Project Leader

- ♦ Collaborated with 12 other engineering students.
- ♦ Built a complete robotic system capable of playing a simple ball game.
- ♦ Responsible for integrating and programming the controller.

COMPUTER SKILLS

Operating Systems: Linux, Microsoft Windows, UNIX, MAX OS (9.2-10.4)

Applications: OrCAD Pspice, Logicworks, Maple, SolidWorks.

Programming: C, C++, Java, Matlab, OpenGL, PHP, SQL, Javascript

Microcontrollers: Motorola M68HC11 & M68HC12, 8051, Atmel ATmega 16

Compilers & IDEs: Microsoft Visual Studio .Net, Matlab, Keil, Introl, GCC, Eclipse

ACTIVITIES

Chi Phi Fraternity, Community Service Chair & Secretary

September 2003- May 2007

Intramural Sports: Ice Hockey Softball, Soccer, Football

September 2003-May 2007