

MECHANICAL ENGINEERING RESUME

FIRST LAST

222 High Street • Edwardsville, IL 62025 • 618-555-5555 • firstname.lastname@siue.edu

EDUCATION

Southern Illinois University Edwardsville
Bachelor of Science, Mechanical Engineering
Minor: Mathematics
GPA: 3.38

Expected: December 2020
Edwardsville, IL

RELEVANT COURSEWORK

Dynamics System Modeling
Design of Machine Elements

Sensors and Actuators
Thermodynamics I & II

Systems Engineering
Materials Engineering

TECHNICAL SKILLS

- AutoCAD 2D
- Inventor
- Microsoft Office (Excel, Project, Word, Outlook, PowerPoint)
- Java
- Visual Basic
- MATLAB
- RStudio

RELEVANT PROFESSIONAL EXPERIENCE

Wright Engineering, *Co-Op/Internship*

December 2019 to August 2020
St. Louis, MO

- Analyzed the testing of process flows of on-site packaging machinery and suggested modifications to improve efficiency
- Collaborated with management and clients to discuss materials used and worked together to resolve budgeting restrictions
- Developed AUTO-CAD 2D drawings of equipment and machinery with specific design specifications
- Managed full project life cycle schedules using MS Project

Structured Designs, Inc., *Co-Op/Internship*

Summers 2018, 2019
Chicago, IL

- Assisted in designing fused deposition modeling used CAD systems
- Performed systems test to verify both operational and functional requirements of design modifications and analyzed results
- Collaborated with Structural Engineers to ensure designs were feasible and made adjustments according to their analysis of designs

OTHER EXPERIENCE

SIUE Housing, *Resident Advisor – Evergreen Hall*

August 2018 to May 2019

- Enhanced academic and social opportunities for students living in the Engineering Focused Interest Community
- Enforced University Housing policy and procedures to ensure safety of residents

SIUE Dining Services, *Beverage Associate*

August 2017 to May 2018

- Restock beverages in an organized manner and order inventory as needed

CAMPUS INVOLVEMENT

- American Society of Mechanical Engineers (ASME), Member & Vice-President
- Autonomous Robotics Club (ARC), Member & Treasurer

August 2018 to May 2020
May 2019 to May 2020

CAREER DEVELOPMENT CENTER

0281 Student Success Center | 618.650.3708 | Fax: 618.650.3656
careerdevelopment@siue.edu | www.siue.edu/careerdevelopmentcenter