

Mechanical Engineering Technology – Design (PTY) Sample Resume

Prepared by Centennial College, Career Services and Cooperative Education, 2012

PAT M. SMITH

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OBJECTIVE

Seeking an entry-level position to apply my mechanical engineering technology skills to design, build and test manufacturing equipment

SUMMARY OF QUALIFICATIONS

- Mechanical Engineering Technology – Industrial (PTY) Diploma
- Familiar with designing, building and testing manufacturing and production equipment, including CAD/CAM equipment
- Abilities in machine shop operation, tool design, plus computer numerical control programming
- Developing quality control systems; familiar with hydraulics and pneumatics
- Assisting in plant expansions and layouts; planning and scheduling new facilities
- Conducting time and motion studies
- Preparing job safety programs and manuals
- Proficient in AutoCAD, MasterCAM V9.1 & Version “X”, Autodesk Inventor R11

EDUCATION

Mechanical Engineering Technology – Industrial (PTY) Diploma 2009 - 2012
Centennial College, Toronto, ON

- Relevant labs: Thermodynamic Fluid Power testing modules, and Tensile, Hardness and Impact Testers

Bachelor of Science in Agricultural Engineering 2005 - 2009
University of Agriculture, India

- Relevant courses: Mathematics, Statistics, Mechanical Engineering, Drafting

RELEVANT EXPERIENCE

R&D Assistant (Internship) 2011 - 2012
Total Manufacturing Ltd., Mississauga, ON

- Researched new technologies and materials, and recommended best options to supervisor for new product development to reduce equipment down time
- Applied design principles including strength of materials science and stress analysis during design process
- Tested new products and documented results in a clear and concise, and timely manner
- Attended monthly company meetings and contributed ideas which were incorporated into company's SOPs
- Communicated regularly with Production staff to document equipment errors and malfunctions
- Thoroughly maintained and troubleshooted faulty equipment
- Worked effectively with a multidisciplinary team and developed excellent communication and problem solving skills

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RELATED EXPERIENCE (CONTINUED)

Machine Operator

2010 - Present

Windows and Doors of Toronto, Markham, ON

- Train over 10 new machine operators regarding proper machine functions and production policies and procedures
- Follow all Occupational Health and Safety protocols
- Consistently receive Employee of the Month award for meeting daily production targets

OTHER EXPERIENCE

Sales Representative

Home Electronics Superstore, Ajax, ON

Summer 2010, 2011

- Provided excellent customer service to a diverse clientele
- Upsold products to customers

PROFESSIONAL AFFILIATION

- Associate member of OACETT
- Member of Mechanical Engineering Student Society
- Member of Centennial College Soccer Team

2010 - Present

2009 - 2012

2009 - 2012

COMMUNITY INVOLVEMENT

- Volunteer as a "Big Brother" for a 10 year old boy

2009 - 2010

REFERENCES AVAILABLE UPON REQUEST