

Matt Kowalczykowski

Mechatronics Engineering

Work Experience

Nahanni Steel

Production Worker, Co-op Position
May 2014 – September 2014

- Received an **Outstanding** rating and as a team produced a record amount of parts in a single shift
- Experience operating multiple manufacturing machines including welders, steel presses and quality control stations
- Developed communication and troubleshooting skills with management and technical workers

McDonald's Canada

Crew Trainer
January 2011 – May 2014

- Fully trained on kitchen and counter positions and being responsible for leading both
- Have trained numerous employees on a regular basis
- Courteous and respectful when dealing with customers and fellow employees

Education

McMaster University

Mechatronics Engineering
September 2013 – Present

- Project based courses, including development of mechanical assistance device for a client with rheumatoid arthritis, and a 3D printed gear train for a CD-ROM reader
- Hands-on labs using equipment such as oscilloscopes, breadboards and function generators

Contact Information



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Skills & Extracurriculars

Personal Skills

- Excellent communication skills with customers, management and other employees
- Able to tackle new problems in different environments
- Experienced in leading teams to achieve results above and beyond what is expected

Programming Languages

- **Python, Java** and **Matlab** covered in class settings as well as personal projects
- Building webpages using **HTML, CSS, Javascript** and **Bootstrap**

CAD Software

- **Autodesk Inventor** and **Solidworks** used to design and model various parts, including experience with 3D printing

Electrical and Computer Equipment

- Use of electrical equipment in labs such as **multimeters, breadboards, oscilloscopes, function generator, CRT machine**
- Experience with **Raspberry Pi** and **Arduino boards**, for use in personal projects and extracurricular activities

Extracurriculars

- Participating in McMaster Sumobots competition
- Teacher for the McMaster Guitar Club