

Aspiring Tool & Die Apprentice

Professional Summary

Technically minded and mechanically inclined candidate pursuing a Tool & Die apprenticeship, with hands-on experience designing and fabricating woodworking and prototype projects, formal CNC and precision machining training, and a background in technical problem-solving and computer programming. Strong attention to detail, safety, and precision, with a demonstrated ability to learn new tools, equipment, and processes.

Core Skills

- Mechanical aptitude and troubleshooting
- Strong attention to detail and precision
- Experience using calipers
- Familiarity with measurement and dimensional verification
- Technical problem solving and logical thinking
- Experienced using hand and power tools
- Adapts quickly to new tools, machinery, equipment, and processes
- Safety-conscious and procedure focused
- Teamwork and communication
- Works effectively under pressure in fast-paced environments
- 3D design, modeling, and rapid prototyping (Blender, 3D printing)
- Technical troubleshooting and programming (Python, C#, Java)

Work Experience

STEM Instructor

Accel Thinking Inc. / Algorithmics Canada (*September 2021 - present*)

- Taught programming, game development, and logic-based problem solving to students aged 8-17
- Delivered structured technical instruction in programming and guided students through logical problem-solving exercises
- Diagnosed and resolved software, logic, and workflow issues efficiently
- Communicated progress clearly and maintained organized learning plans

Team Member

Tim Horton's (*December 2015 - August 2021*)

- Worked efficiently in a high-volume fast-paced environment
- Operated equipment safely and consistently
- Followed cleanliness, safety, and quality standards
- Managed multiple priorities under pressure
- Maintained dependable attendance and punctuality

General Office Assistant (Seasonal)

Guild Electric (*Summers 2013 - 2015*)

- Organized technical documents, manuals, and records
- Supported day-to-day operations and administrative tasks

Education & Certifications

- CNC and Precision Machining Skills Training Program - George Brown Polytechnic (Ongoing)
- WHMIS (Workplace Hazardous Materials Information System)
- Google IT Automation with Python Professional Certificate
- Google IT Support Professional Certificate
- Ontario Secondary School Diploma - St. Joseph's Secondary School, Mississauga, ON (2012)

Portfolio & Projects

- Designed and fabricated custom woodworking and prototype projects using hand and power tools.
- Applied precision measuring, layout, fitting, assembly, testing, and iterative refinement to produce functional prototypes and finished projects.