

NGUYEN TRUNG NAM TRAN

ntntran@uwaterloo.ca • (647) – 877 – 7240 • <https://www.linkedin.com/in/nam-tran-01/>
<https://www.namtran01.com/>

MECHANICAL ENGINEERING STUDENT (2B)

Ambitious and dedicated student/ employee with strong background in designing on various CAD Software and managing projects. Fundamental mechanical engineering knowledge and technical profession trained in university. Strong leadership and communication skills. Ready to take on responsibility and challenging projects in your company.

Technical Skills

- Received Certified SOLIDWORKS Associate in Mechanical Design (CSWA)
- Technical Proficiency:
 - ⇒ SolidWorks, AutoCAD, Inventor, MATLAB, C++, Mastercam, Fusion 360, MS Office Suite (Word, Power Point, Excel, and Outlook), and GD&T
- Ability to read, interpret and produce Technical Engineering Drawings
- Strong analytical skills developed through school activity and previous internships

Interpersonal Skills

- Innovative and Creative Mindset
- Strong Project Management and Time Management
- Strong Communication and Collaboration Skill
- Machine Shop and Safety Trained

Relevant Courses

- Microprocessor & Digital Logic, Thermodynamic, Electromech. Dev. & Power Proc., Mech. of Deformable Solids, Elec. Circuit & Instrument, Control of Pro of Materials and Advance Calculus.

PROFESSIONAL EXPERIENCE

05/2021 – 09/2021 Junior Mechanical Engineering, Electrical Contact Ltd. – Hanover, ON

- Overall Work Term Evaluation: **Outstanding**.
- Improved manufacturing cycle times of sintered and solder electrical contacts through the development of isostatic graphite infiltration/ solder flush boards and furnace jig's fixtures.
- Designed 3D models and produced engineering drawings on SolidWorks for Tools & Die, Solder Die and Machine Fixture.
- Programmed on Mastercam and set up the CNC to cut graphite boards and customer parts.
- Engaged with Production workers to facilitate continuous improvement.
- Wrote and updated work instructions, Quality Control Plan, and revision in Epicor ERP.
- Assigned with Rub table project including design assembly models, produce engineering drawings and collaborating with maintenance department to construct.

09/2020 – 12/2020 Manufacturing Engineering Intern, AMG Metals Inc. - Brampton, ON

- Overall Work Term Evaluation: **Excellence**.
- Involved in Quality Control - inspecting products to ensure quality and quantity of the orders reach up standard requirements.
- Collaborated along with Graphic Designers, Welders and Supervisors to construct decorative and structural Aluminum and Steel Rails by using heavy machines and tools.
- Developed on site experience through field trip to install panels and posts.
- Interpreted engineering drawings for general workers to construct the rails.

01/2020 – 12/2020 Chassis Assistant & Member, Formula Motorsport University of Waterloo – Waterloo, ON

- Overall Work Term Evaluation: **Outstanding**.
- Designed jigs and chassis for 2020 & 2021 FSAE Car on SolidWorks and SolidWorks PDM.
- Participated in the day-to-day overall build Spring season project management and timeline, BOM, design and work development.
- Manufactured complex vehicle components by using CNC Mill, Lathes, and hand tools.
- Set up and assembled jigs and chassis and aided in the welding process.

EDUCATION

09/2019 – 05/2024 Bachelor of Applied Science, Mechanical Engineering Honor Program – University of Waterloo

- Term Cumulative GPA: 86.03% or 3.44/4