

Perry Fung

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EXECUTIVE SUMMARY

As an entry-level engineer with experience in GD&T, AutoCAD, Arduino, SolidWorks modeling, and interpreting technical instructions for sensors, controllers, and HVAC systems. My experience includes 1 year at Witron and Dominion Voting, focusing on hardware and software documentation, anomaly reporting, and system analysis.

NOTABLE SKILLS

- Proficient expertise in MasterCAM, CNC machinery operations, and G-Code programming, demonstrating a strong skill set in precision manufacturing processes.
- **Technical Skills:** Python, Java, C+, HTML, REVIT, Solidworks, AUTOCAD

WORK EXPERIENCE

Witron

Jan 2024 – Apr 2024

Automated Equipment Operator

Etobicoke, CA

- Delivered detailed performance reports and identified system defects for PCL machines, streamlining handover meetings and reducing operational errors during shifts.
- Experienced in conducting regular inspections, testing machine operations, and promptly addressing any issues that arise to maintain smooth production flow and high product standards.
- Collaborated with the engineering team to implement advanced automation technologies, optimizing machine performance and reducing downtime, leading to increased production efficiency and cost savings.

Ooreva Software & Technology Inc.

Sep 2023 – Oct 2023

UX Research Intern

Remote

- Conducted market research on the company's targeted users to improve conversion rates for their software application
- Analyzed user feedback and behavior data to identify pain points in the software application, leading to a redesign that increased conversion rates by 15% in user traffic.

Dominion Voting

Aug 2021 – June 2022

Field Trainers

Trenton, CA

- Trained over 30 field personnel during election operations, managing documentation and reporting anomalies in hardware and software products, ensuring smooth and accurate voting processes.
- Conducted a comprehensive analysis of ImageCast Precinct (ICP and ICP2) and ImageCast Evolution (ICE) tabulators, identifying critical performance metrics and implementing corrective measures that led to significant improvement in overall system accuracy during election operations.

PROJECT & EXTRACURRICULAR ACTIVITIES

Team Member for Capstone Project at Ryerson University

Jan 2023 – April 2023

- Coordinated project timeline and scheduling for a multi-disciplinary team of 5 members, leading to an on-time completion rate of 95% and ensuring project milestones were met efficiently.
- Engineered a compact, motorized jar opener with an adjustable body design, capable of gripping and opening jars of various sizes and shapes with minimal user effort.

Team Member for Toronto Hackathon

May 2022 – June 2022

- Created a resume-parsing app using OCR and NLP to make personalized resumes

EDUCATION & CERTIFICATION

Toronto Metropolitan University (formerly Ryerson University)

Dec 2023

Bachelor in Mechanical Engineering