

# Perry Fung

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## SKILLS

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- 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+, Microsoft Office Solidworks, AUTOCAD
- Other: MATLAB, Arduino, Lean Principles, DFMEA Process, Prototyping and Testing, Cost Benefit Analysis, Root Cause Analysis, Stress and Failure Analysis

## WORK EXPERIENCE

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### Witron

Jan 2024 – Apr 2024

*Automated Equipment Operator*

*Etobicoke, CA*

- Provided comprehensive feedback on system performance during handover meetings, leading to a 5% reduction in downtime.
- 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%
- Organized and conducted usability tests for a mobile app prototype, identifying and resolving critical navigation issues

### 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

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*Team Member for Capstone Project at Ryerson University*

Jan 2023 – April 2023

- Coordinated project timeline and scheduling for a multi-disciplinary team of 10 members, leading to an on-time completion rate of 95% and ensuring project milestones were met efficiently.
- Created the final prototype using 14 printed parts by using Solidworks and Autocad
- Implemented a wire circuit system that is connected to an Arduino that control the claw and proximity sensor of the machine

*Team Member for Toronto Hackathon*

May 2022 – June 2022

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

## EDUCATION & CERTIFICATION

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**Toronto Metropolitan University (formerly Ryerson University)**

Dec 2023

*Bachelor in Mechanical Engineering*