

Nora Chamseddin

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SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, C, C++, SQL

Frameworks & Libraries: React, Flask, Django, Node.js, NumPy, Pandas

Tools & Platforms: AWS, Figma, Firebase, Git, Heroku, Linux, MySQL, Unix, Jenkins, Docker

EXPERIENCE

Software Engineer in Test Intern @ Ingenico

Oct - Jan 2025 | Toronto, ON

- Engineered a test farm using **Flask**, **Python** and **Appium**, reducing time by **40%** through automated resource allocation
- Scaled the test farm infrastructure to support **24 devices** simultaneously by integrating **backend APIs** for faster testing
- Developed a real-time dashboard in **React** and **JavaScript** to efficiently monitor and manage **50+** devices in the test farm
- Implemented automated **CI/CD** pipelines using **Jenkins** and **Docker** to deploy and test Android-based payment terminals

Automation Developer Intern @ Fidelity Investments

Jan - Apr 2024 | Toronto, ON

- Developed file-processing workflow algorithms in **Power Automate** with **JSON** parsing, saving **1.5 hours** per cycle
- Engineered **Power BI** solution for daily updates delivering real-time insights saving **1250 hours** yearly via automated emails
- Led full project lifecycles, demonstrating **project management**, clear **communication** and delivering impactful solutions

Data Automation Developer Intern @ AutoTrader

May - Aug 2023 | Remote

- Enhanced data accuracy through validation checks, deduplication and **data cleansing** achieving a **20%** reduction in errors
- Automated workflows with **Python** scripts using **Pandas**, **OpenPyXL** and **NumPy**, saving **25 hours** of manual work monthly
- Built scalable pipelines with **web scraping** to process Big Data, providing insights for **20** automakers and **150** dealerships

Site Reliability Engineer Fellow @ Major League Hacking

Jan - May 2023 | Remote

- Architected a scalable **Flask** web app integrating **MySQL** services to enhance data management and system reliability
- Deployed and managed **Unix/Linux** servers on DigitalOcean, automating testing and streamlining **CI/CD** processes
- Achieved **25%** increase in deployment speed and reduced downtime with optimized workflows and automated solutions

Web Developer Intern @ Klick

May - Aug 2022 | Toronto, ON

- Optimized **user experience** and reduced bounce rates through advanced functionality using **React**, **JavaScript**, and **CSS**
- Redesigned client websites by improving components and responsiveness, leading to **15%** increase in user engagement

PROJECTS

JobJourney

- Built an automated job application tracker integrating **Gmail API** to fetch emails and **Cohere's API** for email classification
- Developed a **Flask** backend with **RESTful APIs** for email processing and integrated Google Sign-In via **Firebase**
- Constructed a **TypeScript/React** frontend styled with **Tailwind CSS**, providing a UI that tracked over **50** job applications

OpCharge

- Optimized charging stations using **ML** techniques, including **k-means clustering** to improve accessibility in Windsor
- Secured **1st place** two categories, the People's Choice and the Challenge, surpassing **70+ teams** and awarded **\$2,500**

EDUCATION

Bachelor of Computer Science and Bachelor of Business Administration

Wilfrid Laurier University, Waterloo, 2021 - 2026

- GPA:** 3.7
- Dean's Honour List 2024
- President's Gold Scholarship 2023