

EDUCATION

University of Toronto, St. George Campus

Sep/2021 – April/2025

Bachelor of Applied Science in Computer Engineering + PEY CO-OP

Toronto, ON

Minor in Artificial Intelligence, Machine Learning, and Engineering Business

Relevant Coursework: Software Design, Data Structures & Advanced Algorithms, Operating Systems, Digital Logic and Systems, Software Tools & Systems Programming, Databases

TECHNICAL SKILLS

Languages: C++ | C | Java | JavaScript | Python | HTML/CSS

Technologies: React.js | Flask | Node.js | React Native | Docker | Linux

Tools: Git | Jira | Confluence | MongoDB | Google Cloud APIs | Unit Testing | CI/CD | Containers

EXPERIENCE

Qualcomm

May 2023 – Sep 2023

Software Engineer Intern

Toronto, ON

- Contributed to the **Software Verification** team, playing a key role in the development of Qualcomm and Nuvia's inaugural PC chip and the next-generation mobile and automotive Snapdragon SoC
- Developed **Python scripts** to decode and parse through debugger dumps for use in **automating** test cases
- Wrote a series of comprehensive functional and performance test cases to bolster the team's testing capabilities
- Collaborated closely with the **DevOps** team to orchestrate the seamless migration and establishment of **CI/CD** pipelines within the **GitLab** environment
- Created a detailed proof of concept of a technical solution using **Parasoft Unit Testing** platform for the team's firmware

BCI Global Ltd

June 2022 – Sep 2022

Software Developer Intern

Toronto, ON

- Utilized **HTML** and **CSS** to develop an interactive website that ensured higher traffic and significantly improved user experience, generating a **40%** increase in the company's sales revenue
- Designed and presented technical solutions to clients using presentations and live demonstrations in meetings
- Developed code by **troubleshooting**, enhancing, optimizing code, and staying in line with strategic and detailed designs
- Created a detailed business solution and proposal which was pitched to the company's executives and was implemented

PROJECTS

UOFT WISE National Conference Competition (3RD PLACE)

Jan 2023

- Designed a solution to an engineering and business problem in a team of four students integrating knowledge of computer software and hardware, UI/UX design, and IoT

RoomMate (Web Application) | [GitHub](#) | *React.js, Python, Flask, MongoDB*

Jan 2023

- Analyzed user requirements to design a web application for students looking for roommates inspired by social media
- Collaborated in a team of 4 students in a 36-hour time constraint for the UofTHack Hackathon
- Wrote **frontend** and **scalable backend** using **Python** used to query **MongoDB**

ReachMe (Mobile Application) | [GitHub](#) | *JavaScript, React Native, Google Cloud/Map API*

Nov 2022

- Developed an algorithm that scans student's Google Calendar and finds all overlapping free time with their friends
- Deployed **front-end** on **React** and utilized **Google Map API** to access navigation and location data

Organ Bank (Mobile Application) | [GitHub](#) | *C++, Flutter, Google Maps API*

Feb 2022

- Collaborated in a team of 4 people to develop app which serves as a database for available organs for patients worldwide
- Completed in a time constraint of 24-hours for the HackTech 2021 at the **California Institute of Technology**

ACTIVITIES

Vice President of Public Relations - *University of Toronto Women's Association*

- Collaborating with other campus organizations, raising social awareness across campus, managing social media accounts, and directing a team of managers

Director of Business Relations – *Women in Science and Engineering (WISE) University of Toronto*

- Maintaining professional relationships between WISE and company and university representatives regarding collaboration and sponsorships, seeking new opportunities at industry networking events