

First Last

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EDUCATION

(no-name Canadian university) City, ON
Bachelor of Engineering, Computer Engineering (Co-op) Sep. 2025 – April 2030

EXPERIENCE

AI Data Annotation Specialist Dec. 2025 – Present
Outlier AI Waterloo, ON (Remote)

- Labeled and described visual data for AI model training, reviewing **1,000+** images per month
- Identified differences in image sets for dataset quality, achieving **95% instruction accuracy** compliance
- Contributed to **3-5** production ready datasets, helping improve model precision

Technical Projects Lead Sep. 2025 – Present
University IEEE Student Branch City, ON

- Developed and maintained the club website using React and JavaScript, improving usability and providing a central platform for event information and resources that streamlined communication for **100+** members
- Coordinated technical initiatives across the club, including planning and integrating hardware and software projects into workshops, hackathons, and member events, increasing participation and engagement by **65%**
- Designed and fabricated custom PCBs for club workshops, enabling hands-on hardware learning experiences for **70+** participants, and assisted attendees with KiCad, soldering, and troubleshooting during workshop sessions

Robotics Research Assistant (Incoming) May 2026 – Sep. 2026
University of x City, ON

- Preparing to support robotics research and development, including experimental design and prototyping.
- Set to assist with hardware-software integration on autonomous and sensor-driven systems

PROJECTS

H2@Home | C++, JavaScript, React, Git, IoT Nov. 2025

- (university name) Engineering Competition 2025 — **Gold, 1st Place**
- Developed and implemented automation and monitoring software for a decentralized hydrogen generation system
- Built a real-time data analytics and control dashboard in **React and JavaScript**, implementing live data visualization, component state mapping, and **Firebase** connectivity over WiFi, improving insight speed by **70%**
- Programmed the **ESP32** in C++, enabling communication with relays, gas sensors, and hardware modules through GPIO control, ADC readings, and safety-trigger logic, applied across **5+ hardware components**

SUD - Smart Underwriting Dashboard | Python, JavaScript, React, Docker Sep. 2025

- Developed a full-stack dashboard to streamline and automate insurance underwriting decisions
- Improved workflow efficiency by approximately **70%** by implementing AI agents and process optimization
- Implemented data visualization features to display key financial and risk metrics for underwriters.
- Rapidly developed in a collaborative environment at Hack the North 2025

Group | React, JavaScript, Git, Android Studio Aug. 2025

- Designed and developed a mobile app to help groups organize tasks, events, and communication in one platform.
- Implemented core features including user authentication, real-time messaging, and more in **less than 5 days**.
- Built the front end with **React Native** and used backend databases (**Firebase/Node.js**) for real-time data sync.
- Focused on clean UI/UX design to ensure accessibility and ease of use across devices.

TECHNICAL SKILLS

Languages: JavaScript, Python, C/C++, GCC/Clang, Java, HTML/CSS

Frameworks: React, TailwindCSS, Node.js, Flask, WordPress

Developer Tools: Git, GitLab, Docker, Google Cloud Platform, Firebase, VS Code, PyCharm, Linux, Raspberry Pi