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[LinkedIn](#)



[GitHub](#)



[Personal Website](#)

Education

- September 2021 - Present
University of Waterloo
Bachelor of Software Engineering
 - Scholarships: UWaterloo President's Scholarship of Distinction - \$2000
 - Clubs: MedTechResolve Student Design Team

Awards and Certifications

- 2020
Google IT Automation with Python Certification
- 2019
SAIT Python Programming Diploma
- 2015-2019
UCMAS Abacus & Mental Math Competitions - Champion
- 2018
UWaterloo Pascal Math Contest - Distinction

Volunteer Experience

- January 2020-2021
Volunteer Assistant, JunioTech Kids Academy
 - Encouraged learning and programming interest by teaching and assisting students with computing fundamentals, Python programming, and robotics at JunioTech
- January 2015 - 2021
Teaching Assistant, UCMAS Canada
 - Developed 150 students' problem solving and arithmetic skills by teaching them the abacus and mental math over six years
- October 2019 - June 2020
Treasurer, FFCA UNICEF
 - Managed finances and transactions using Microsoft Excel through organizing fundraisers

Anish Khurana

Software Development Intern

Skills

- Programming Languages: Python, C++, C#, C, JavaScript, TypeScript, HTML/CSS, PHP
- Technologies: PostgreSQL, MongoDB, Unity, Git, Unix
- Frameworks: React, React Native, Python Flask, Node.js, jQuery, GraphQL, Jest, Pytest

Work Experience

- Software Development Intern - Web/Mobile Development** January 9, 2023 - Present
Okos Smart Homes, Calgary, AB (on-site)
 - Worked on the development of a status icons feature for a Business-to-Business (B2B) application using the **React-Admin** library and the **RESTful API** endpoints created using **Python Flask**
 - Implement a forgot password feature for the website and **React Native** mobile app following proper authentication security guidelines
 - Develop and maintain the UI of the website and mobile app for the project managers and technicians
 - Continuously test and debug new features to enhance user experience
- Project Team Member - Web Development** May 24 - August 8, 2022
Waterloo Experience (WE) Accelerate Program - Manulife Modern Web Application Design Stream
eButterfly Labs - Minimum Viable Product Project, Waterloo, ON (remote, project-based experience)
 - Completed approximately 100 hours of workshops provided by Manulife, learning essential skills such as **JavaScript** and **GraphQL**, as well as **Event-Driven Architecture** and **Test-Driven Development (TDD)**
 - Collaborated with a team of 5 developers to build an administration and customer-facing webpage as part of the eButterfly Labs Project
 - Utilized **TypeScript** and **React** to structure the webpages and interact with the RESTful API using Python's **FastAPI**

Projects

- Blog Website** August 2022
(<https://github.com/programmer812/Blog-Website>)
 - Created a full-stack blog web application to allow users to anonymous post their thoughts on a public forum
 - Used **HTML/EJS** and **CSS** to implement the structure and styling as well as **Node.js** and **MongoDB** to create the server and database
- Hardware Store Website** June 2022
(<https://github.com/Mehdi-Haned/skills-assignment-frontend>)
 - Created a mock multi-page hardware store website in teams of five
 - Used **React** and **CSS** to build and style the website as well as implement page routing
- Math Notes to Latex Converter - Course Design Project** September - November 2021
(<https://github.com/rohanvedula/PaZaR>)
 - Successfully created a python program in a group project
 - Used **Raspberry Pi**, **OpenCV**, and **OCR** to capture the images and convert math equations into **LaTeX** characters
 - Used the PyLaTeX library to compile LaTeX PDF documents
- Realm Rush Game** July - August 2020
(<https://github.com/programmer812/Realm-Rush-Game>)
 - Used **C#** and the **Unity Game Engine** to create a tower defense game in less than a month
 - Used the Breadth First Search algorithm to deduce the shortest path possible for the characters to take