

Suneru Perera

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EDUCATION

University of Waterloo

Honours Bachelor of Computer Science, BCS

Waterloo, ON

Expected – May 2029

Wilfrid Laurier University

Honours Bachelor of Business Administration, BBA

Waterloo, ON

Expected – May 2029

WORK EXPERIENCE

MRS Company

Software Engineer Intern

Feb. 2025 – Present

Toronto, ON

- Designed and implemented backend functions using C# and ASP.NET to perform financial calculations, enabling accurate tracking of key metrics.
- Migrated legacy functionality to a cloud-based system, improving scalability and reliability of the application.
- Resolved critical backend issues, improving application uptime by 10% and ensuring seamless user access

Aiuto Solutions

Lead Software Developer

Jun. 2022 – Sep. 2022

Waterloo, ON

- Designed a dynamic and responsive front-end interface using **React.js**, along with **HTML5**, **CSS3**, and **JavaScript**, ensuring an intuitive user experience and cross-browser compatibility.
- Implemented complex server-side processes** using **PHP** and **Node.js** in combination with the **Express** framework. Architected RESTful APIs to handle requests efficiently, enabling secure data flow between the front-end and back-end
- Managed end-to-end deployment** of the application on **Heroku**, configuring continuous integration and delivery pipelines. Automated build and deployment workflows, ensuring seamless updates and scalability

Front Desk

Chartwell Clair Hills

Dec. 2021 – Feb. 2025

Waterloo, ON

- Managed data entry** across multiple platforms, ensuring accurate and efficient documentation of resident information, building operations, and requests, while managing large datasets.
- Coordinated communication channels**, handling high-volume phone calls and addressing resident and visitor inquiries

PROJECTS

The Patch | Python, Raspberry PI, Myoware Muscle Detectors, Git

Sep. 2024 – Oct. 2024

- Engineered a **hardware-based seizure detection** system utilizing Python, Raspberry Pi, Myoware muscle sensors, and piezoelectric buzzers to monitor muscle activity, aiming to enhance patient safety and response time
- Collaborated with a team of three** over 36 hours at a hackathon.

Husi | GO, Python, HTML, CSS, JavaScript

July 2023 – Present

- Developing the **iOS application** using **GO**, while simultaneously launching the website (husi.ca) and designing detailed mockups, wireframes, and flowcharts to outline user flow and enhance the overall user experience.
- Visualized **GitHub repository data** to track and display team collaboration and code contributions.
- Presented and pitched** at WinterHacks 2024, winning the popular choice award for the platform's innovation and potential impact on the job-seeking industry.

TECHNICAL SKILLS

Languages: Python, C/C++, JS, HTML/CSS

Frameworks: React, Node.js, Express

Tools: Git, Docker, VS Code, Figma, Microsoft Excel

AWARDS

Winner @ Jane Street Estimathon: Won as a competitor out of 80 students hosted @ University of Waterloo

Canadian Computing Competition: Won the distinction award in 2022 (Junior), 2023 (Junior), and 2024 (Senior)

ZappARthon Hackathon Award: Won \$750 for storytelling award, developed artificial reality project MemoAR