Dharsan Ravindran

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EDUCATION

QUEEN'S UNIVERSITY   **Kingston, ON, Canada**
B.A.Sc. Honours Computer Science (Specialization: Software Design)   *Expected April 2024*
(Cumulative **GPA: 4.2/4.3**)

- **Related Coursework:** Computer Architecture, Logic for Computer Science, Data Structures and Algorithms, Software Specifications, Linear Data Analysis, System-Level Programming, Game Design

SKILLS

Languages: Python, Java, HTML, CSS, C++, C#, JavaScript, Bash, MATLAB
Technologies: Git, Linux, Unix, Azure

EXPERIENCE

ASUS Queen's University   **Kingston, ON, Canada**
Peer Tutor   *December 2021–Present*

- Tutored first and second-year B.Sc. Computer Science students in concepts and subjects such as:
  - Object-Oriented Programming, **Python**, **Java**, Calculus, Applied Linear Algebra, Discrete Math, Logic in Computer Science, and Statistics

HRWARE   **Brampton, ON, Canada**
Software Engineer Intern   *May 2019–August 2019*

- Began implementation of android mobile application using **C++** for new software provided by HRWARE
- Created 3 extensive user guides for multiple pieces of software licensed by HRWARE
- Implemented **Azure Bot Service** for the Manage My People HR Solution

PROJECTS

Auto-Aid Cart   **github.com/dharsan-r/Auto-Aid-Cart**

- Autonomous self-driving medicine cart prototype developed using **C++** and built utilizing; Arduino, ultrasonic sensors, photoresistors, and servo motors

Yahoo Finance API Wrapper   **github.com/dharsan-r/Yahoo-API-Recommend**

- Custom **Python** wrapper for the Yahoo Finance API to retrieve key stock information which also incorporates an algorithm to recommend stocks based on interests and pulls

Personal Website   **dharsanr.com**

- Developed personal portfolio website with a mobile version using CSS, HTML, and JavaScript for animations

EXTRA-CURRICULARS

QWEB (Queen's Web Development Club)   **Kingston, ON, Canada**
Front End Web Developer   *September 2021– Present*

- Working in a team of 3 to develop a website for a Kinston based client