

SUMMARY OF QUALIFICATIONS

- Languages: HTML, CSS/SASS, JavaScript/TypeScript, C++, Python, SQL, PHP, VHDL, Assembly, Swift, Java, BASIC
- Experience working with React, NodeJS, Angular, jQuery, AJAX, MariaDB, MySQL, Apache, Raspberry Pi, Arduino, FPGA and breadboards
- Experience using Visual Studio Code, CLion, Visual Basic, Dreamweaver, SVN, Git, Quartus Prime, MATLAB, Onshape, Xcode

WORK EXPERIENCE

Mobile and Web Developer | Rich Media | September 2022 - December 2022

- Worked on the development of various projects for large corporate clients using mostly React, Angular, JavaScript/TypeScript as well as version control systems such as TortoiseSVN and Git
- Performed maintenance on Rich Media's code libraries to allow for more efficient use on future projects

Full-Stack Developer | Studica | January 2022 - April 2022

- Responsible for the design and full-stack development of an educational robotics controller for students in grades K-12 to assist in teaching coding and robot building skills
- Built from scratch using mainly HTML, CSS, JavaScript utilizing PHP and AJAX requests
- Web-based client with a VMX HAL server built upon a Raspberry Pi

SOFTWARE PROJECTS

Personal Portfolio | Personal Project | February 2022 - Present

- Portfolio website created using React JavaScript in Visual Studio Code

FlashStudy | Personal Project | September 2022 - Present

- Flashcard studying application written in HTML, CSS and JavaScript

Monkey Bot | Personal Project | August 2021

- Wrote a Discord chat bot in JavaScript using NodeJS and DiscordJS in Visual Studio Code
- Implemented command system to allow users to easily interact with the bot, gaining experience using `async/await` and Promises
- Created algorithm for money collection and gambling feature

ACTIVITIES AND INTERESTS

- Active user on Codecademy since 2014, learning coding languages such as Python, JavaScript, HTML/CSS, SQL
- Built personal computer and periodically upgrade parts to optimize performance for gaming
- Active member of Ultimate Frisbee sports teams since 2018

EDUCATION

Candidate for Bachelor of Applied Science in Systems Design Engineering | University of Waterloo | Class of 2026

- Relevant Courses: SYDE 121 Digital Computation (C++ and Python), SYDE 223 Data Structures and Algorithms (C++), SYDE 192 Digital Circuits, SYDE 192L Digital Systems Laboratory (VHDL & FPGA), PD20 Engineering Workplace Skills I