Jamie Pinheiro

Computer Science 2B | 20707922

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SKILLS SUMMARY

Languages
- JavaScript/TypeScript, HTML5, CSS3, Python, Java, C/C++, C#, Racket

Technologies and Frameworks
- Node.js, Express.js, Socket.io, Ruby on Rails, MongoDB, SQL, GraphQL, React, jQuery, Bootstrap, Android SDK, Unity3D, Git, Heroku, Azure, AWS
- Experienced with Object Oriented Design, RESTful services and Full Stack development, learnt through various projects and industry experience

Additional Skills
- Exceptional communication skills developed through leadership positions on campus as well as previous work and volunteer experience
- Outstanding cooperative skills established through working on collaborative projects with version control systems

EXPERIENCE

Software Engineering Intern at *Microsoft* (Azure DevOps)   Jan 2019 – Apr 2019
- Engineered unfurling support on external work item mentions using GitHub's Webhook APIs to strengthen Azure DevOps integration with GitHub
- Configured a redundancy jobs to ensure consistency, making use of GitHub's GraphQL APIs
- Monitored telemetry data to ensure reliability and track usage/rollout of the feature
- Shipped a servicing job to make the feature back-compatible with existing users

Explore Intern at *Microsoft* (Visual Studio C++)   May 2018 – Aug 2018
- Drafted specification documents, conducted user studies and verified telemetry data for the new *Open Folder Experience* inside Visual Studio
- Developed refactoring methods around loop conversion to improve developer productivity
- Created extensible infrastructure to create quick fixes lightbulbs for common errors, and developed a quick fix for misspelled code using compiler and database information with a fuzzy search algorithm

VP Technology at *UW Energy Network*   Sept 2017 – Current
- Handle the development and maintenance of the club's website including the technology behind uwEnergyHacks
- In charge of social marketing efforts and organization and logistics planning for large-scale events

PROJECTS

Paste from Screenshot   2018
- VScode extension built at Microsoft's Annual Hackathon that enables a screenshot to be pasted inside the IDE with the text being selectable
- Text recognition and detection were implemented using Microsoft's cognitive vision APIs

Gif Chat   2018
- Full Stack chat room application that allows users to communicate solely using gifs
- Front end website built using React and Bootstrap
- Backend built on Node.js, using web sockets to facilitate chat, Bing's Search API and Express.js to build the gif finder API, and MongoDB to store the messages
- Setup Continuous Integration from GitHub to Heroku ensuring seamless updating

EDUCATION

University of Waterloo   2017 – 2022
- Candidate for Honours Bachelor of Computer Science
- Dean's Honor List 2A (87%+ Term Average)
- President's Scholarship of Distinction Recipient
- Faculty of Mathematics Entrance Scholarship Recipient

INTERESTS

Hackathons/Hobbies
- Attended Hack the North 2018, PennApps 2018 and HackPrinceton 2017
- Watch a variety of sports, enjoy going on runs, hiking, weightlifting and listening to music