

SKILLS

LANGUAGES: C++, Python, Rust, JavaScript, C, Java, Swift, PHP

TOOLS AND FRAMEWORK: Bash, Git, NodeJS

WORK EXPERIENCE

Wind River Systems · Ottawa ON.

09/2018 - 12/2018

Open Source Developer

- Implemented configurations necessary to **cross compile a Rust executable** targeted for VxWorks OS to **enable compiling of Rust test suites**
- Added VxWorks specific implementations for **Rust** standard library functions, with **96% pass rate on libstd test suite** created by Rust

IBM · Ottawa ON.

05/2017 - 12/2017

Technical Support Analyst

- Processed an **average of 25 customer report tickets at a time**, with 2 new tickets per day
- Troubleshooted errors within a variety of operating systems, including Windows, Linux, and AIX

PROJECTS

Chess [C++]

03/2018

- Incorporated **multiple design patterns** to implement a fully featured game of chess
- Handled code integration and led the implementation of core mechanics

PyRemote [Java, NodeJS, Python]

03/2018

- Created an Android app that controls a PC using voice input
- Utilized **socket.io** and an **express** server to relay commands from a mobile device to a PC

Factor+ [Swift]

09/2015 - 01/2016

- Developed an iOS game that allows the user to enhance their factoring skills
- Demonstrated management skills as product manager, following the iterative development model
- The application **won \$500 in AppJam** for the educational category

EDUCATION

University of Waterloo

Candidate for Bachelor of Computer Science 2021

- Maintaining an average GPA of 3.96/4.0, with major average GPA of 4.0/4.0