Kendrick Michael Mitchell

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EDUCATION

Washington State University, Bachelor of Science, Computer Science, GPA: 3.49 (Graduated May 2021)

Relevant Coursework: Machine Learning, Systems Programming, Big Data, Data Mining, Data Science, Database Systems, Computer Security, Programming Language Design, Software Engineering Principles, Design and Analysis of Algorithms, Requirements Engineering, Automata and Formal Languages, Discrete Structures

SKILLS

- C/C++, C#, Python, Java, SQL, Requirement Engineering, Git, Linux, Microsoft Visual Studio, Agile Development Methods, Appium Test Automation Framework, Japanese fluency, Selenium Automation Framework, Consumer Electronics Testing

EXPERIENCE

Software Developer, Microsoft – Contract through Wicresoft; Bellevue, WA; Dec 2021 - June 2022

- Contributed to a Python code test automation frameworks for in development devices and machine learning models
- Maintaining laboratory devices and their software to facilitate the work of remote staff as a team Quartermaster.
- Elicited requirements for and developed additional features for product software and test automation frameworks.
- Educating non-technical clients and coworkers on the operating procedures and merits of product software and test frameworks.

Cougs in Space (WSU Club: https://cis.vcea.wsu.edu/); Pullman WA; Aug 2018 to Dec 2020

- Collaborated on design and development of communications software for NASA-funded Cube Satellite Project utilizing C++ in a real-time, embedded Linux environment.
- Engaged with multi-disciplinary teams to collaborate effectively on project requirements and technical specifications for an organization of approximately 70 team members.

Teaching Assistant WSU – Computer Science 121, Pullman, WA; Jan 2018 – May 2018

- Educated undergraduates by supervising and guiding weekly lab sessions and office hours
- Supervised class examinations

Summer Intern, Tech Mahindra Inc.; Redmond, WA; May 2019 to Aug 2019

- Performed Certification testing for a variety of pre-release mobile devices, including Car Kits (e.g. GM CCR Malibu), Samsung Smart Watches, Samsung Galaxy Tablets, and Google Pixel phones.
- Executed functional, electrical, system/integration, and documentation testing on devices; logged defects found during testing and assisted other testers in writing up final Certification reports for product vendors.
- Setup and configured Appium Test Automation framework; modified existing automation tests for device certification testing and ensured automation tests were properly executed.

KEY PROJECTS

- Created a parallelized Neural Network for Machine Learning, Spring 2021
- Replicated features of the Linux Ext2 File System for Systems Programming, Fall 2019
- Implemented PNG steganography and encryption of text messages for Computer Security, Fall 2020
- Contributed to Microsoft Teams Machine Learning Recognition Test Automation framework

ACTIVITIES

- Served as Vice President, Stimson Hall Government, Fall 2018 - Spring 2019
- Participated in the WSU Crimson Code Hackathon, Spring 2018
- Participated in the WSU Solar Decathlon Communications Team, Fall 2016 - Spring 2017

AWARDS

- WSU President's Honor Roll, 2016 – 2020
- WSU Emery Endowed Scholarship Recipient, 2016 - 2017
- Eagle Scout, Boy Scouts of America, Troop 751, Sammamish, WA, Awarded December 2015