Jason Ikenaga

jason.ikenaga@gmail.com

Baltimore, MD | 707-980-8864 | www.linkedin.com/in/jasonikenaga

Education

Washington College, MD   Graduated May, 2024

Bachelor of Sciences in Computer Science & Math

- Relevant coursework: Data Structures, Algorithms, Object Oriented Programming, Data Science, Machine Learning, Software Engineering, Databases, Theory of Computation, Operating Systems, Linear Algebra, Calculus, Abstract Algebra, Differential Equations, Complex analysis, Real Analysis

EXPERIENCE

US ATLAS Student Researcher   October 2022 - May 2023 and August 2023 - May 2024

- Created particle physics lab involving cluster computing for physics analysis at Washington College. Used Bash/Linux to develop software for the lab.
- Programmed Raspberry pi based sensors for the lab, developed lab's website and maintained previous code.
- Learned about machine learning applications to simulate Higgs Boson collisions.

Watershed Innovation Lab   May 2022 - May 2023

- Used Arduino based rovers to collect data for heat mapping and to monitor water quality.
- Wrote a back end data collection software, and an API in python which connected to a front end auto-mapping program that I made using packaged Javascript.

Pacifica Pizza   August 2018 - March 2019

- Created particle physics lab involving cluster computing for physics analysis at Washington College. Used Bash/Linux to develop software for the lab.
- Programmed Raspberry pi based sensors for the lab, developed lab's website and maintained previous code.
- Learned about machine learning applications to simulate Higgs Boson collisions.

Ruszel Woodworks   May 2023 - August 2023

- Worked with power tools and machines to create custom wood designs
- Developed good habits regarding scheduling and goal setting due to the nature of custom designs

Brickspace   May 2024- July 2024

- Taught kids from Kindergarten to 6th grade at a summer school program
- Worked as a robotics/coding councilor that opened a pathway for children to develop their own games

SKILLS

Languages: Python, Java, Javascript, C++, SQl, HTML, CSS, MATLAB

Operating Systems: Windows, Linux, IOS/MacOS

Libraries/Packages: Numpy, Pandas, Plotly, JavaFX

Framework: React/React Native, NodeJS, Flask

Machine Learning: pyTorch, Sci-Kit Learn, TensorFlow

Databases: mySQL, Firebase

Other: Communication, Leadership, Teamwork, Git

Relevant Other Experience

Bikeshare App

- Worked in a team to create an app that allowed people to check in and out bikes on my campus
- Developed app in Javascript using React Native, and used github to share and create code.