

Jayden Pahukula

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EDUCATION

Colorado School of Mines – Golden, CO

Fall 2022 - Spring 2025

- GPA: 3.78
- Major: Computer Science
- Relevant Coursework:
 - CSCI-200 - Foundations of Programming
 - CSCI-274 - Intro to Linux
 - CSCI-220 - Data Structures & Algorithms
 - CSCI-341 - Computer Organization
 - CSCI-290 - Programming Challenges
 - CSCI-358 - Discrete Math

Kamehameha School Maui High School – Makawao, HI

2018 - 2022

- Unweighted GPA: 3.99

EXPERIENCE

Teaching Assistant – Colorado School of Mines

January 2023 - Present

- CSCI-200: Foundational Programming Concepts
- Host office hours and answer questions on the to help students understand course material
- Grade assignments and tests.

Software Engineering Intern – Applied Research Laboratory @ UH

June - August 2023

- Designed and built a fully functional Docker API and integrated it with a frontend website, and also my own Grafana dashboard.
- The API included system info, container status, and support for server swarms.
- I learned about Docker, Grafana, Bash scripting, and API development.

Innov8x Data Science Challenge Finalist – BPX Energy

March 2023

- Competed and won 2nd place with a partner in the Innov8x BPX challenge
- We had 1 week to solve a real-world data science problem, then pitch our solution to a panel of judges.
- Developed skills in data analysis and neural networks (tensorflow)

Beaver Works Summer Institute – MIT

Summer 2021

- Recommended and accepted into the MIT BWSI Embedded Security course where I learned about embedded systems and cybersecurity from industry professionals at the MITRE corporation.

EXTRACURRICULARS

ACM Club - Officer

Lead and organize events as the Director of Special Events of the Mines chapter of the Association for Computing Machinery (ACM) club.

High School Robotics - Vice President

Led building and programming of our team's robot, and competed for my school in many state and national competitions.

College Board Awards:

- National Indigenous Recognition
- National Rural and Small Town Recognition
- National Merit Scholarship Program Commended Student

TECHNICAL SKILLS

- C++
- Python
- Bash
- Docker
- Windows
- Linux
- Git

SKILLS

Hardworking

Spends the time needed to get the job done right.

Adaptable

Picks up skills quickly and willing to learn new things.

Collaborative

Works effectively on a team.

HOBBIES

- Competitive Programming
- Volleyball
- Building Computers