

Jayden Pahukula

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EDUCATION

- Colorado School of Mines** – Golden, CO – B.S. Computer Science August 2022 – June 2025
- GPA: 3.87
 - Tyler Technologies CMAPP Scholar
 - Graduating with NSA/DHS Cyber Defense Education Certificate
- Kamehameha Schools Maui** – Makawao, HI 2018 – 2022

WORK EXPERIENCE

- Software Engineer Intern** – Lucid Software – South Jordan, UT Summer 2024
- Collaborated on a scrum team delivering key features to the Lucidchart product.
 - Built end-to-end solutions from the **TypeScript** + **Angular** frontend to the **Scala** backend.
 - Took ownership to create a product feature to reduce user friction.
- Software Engineer Intern** – Applied Research Laboratory @ UH – Kihei, HI Summer 2023
- Designed and built an extensive **Docker API** with **Python** and **Bash**, and integrated it with a website and a custom Grafana dashboard.
- Teaching Assistant** – Colorado School of Mines Spring 2023 – Present
- CSCI-406: Algorithms – Fall 2024 - Present
 - CSCI-200: Foundational Programming Concepts – Spring 2023 - Spring 2024:
 - Assist students by hosting office hours, answering questions on the class forum, and grading assignments.

EXTRACURRICULARS & ACHIEVEMENTS

- ACM Club Officer** – Colorado School of Mines Fall 2023 – Present
- Serve as the Director of Special Events in the Mines chapter of the Association for Computing Machinery.
 - Coordinate a variety of events to foster community with CS students and other clubs on campus.
- ICPC North America Championship** – Orlando, FL May 2024
- Won 1st place in regionals at the International Collegiate Programming Competition, then competed in the North America Championship in Florida.
- BlasterHacks Hackathon Winner** – Colorado School of Mines February 2024
- Won first place in the advanced division general track with 3 other students from Mines.
 - Created an interactive map of the Mines using **TypeScript** and **Three.js**.
- Innov8x BPX Challenge Finalist** – BPX Energy March 2023
- Won second place with a partner in the Innov8x BPX Challenge.
 - Developed a neural network using **Python** and **TensorFlow** to solve a real-world BPX problem.

TECHNICAL SKILLS

- TypeScript
- Python
- C++
- Java
- Angular
- React
- Linux
- Git
- Docker

HOBBIES

- Volleyball
- Piano
- Building computers