

Keena Vasiloff

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EDUCATION University of California, Davis

June 2022 - Present

Bachelor of Science in Computer Science with a minor in Mathematics

Anticipated Graduation: Dec. 2024

College of the Redwoods, Eureka, CA

Jan. 2019 - May 2022

Associates of Arts in Science, Science Exploration, & Humanities, Language and Communication

SUMMARY OF QUALIFICATIONS

- Languages & Frameworks: C++ | Python | C | Assembly | HTML | CSS | Javascript | SQL | MATLAB | R | Django | Flask | Bootstrap
- Software Development Tools: Git | Visual Studio Code | PyCharm | CLion | BBEdit

RELATED COURSEWORK

Data Structures, Algorithms, & Programming | Computer Organization & Machine-Dependent Programming | Software Development & OOP in C++ | Programming & Problem Solving | Discrete Mathematics | Probability & Statistical Modeling | Circuits I | Modern Algebra

PROJECTS

SynthiaAI - UC Berkeley AI Hackathon 2023

- Developed an advanced AI system that simulates real interview scenarios, providing feedback and personalized suggestions to enhance your interview skills and boost your confidence.
- Used a combination of JavaScript and React for the front end, with Python Flask and OpenAI API for the back end.

EnergyAI - HackDavis 2023

- Utilized Python Flask, HTML/CSS, and JavaScript to develop an energy AI website predicting county energy consumption using AI-driven linear regression models.
- Collaborated effectively within a team, contributing to the development of a web application.

YourClassLink - <https://www.yourclasslink.com>

Mar. 2023 - Present

- Designed and developed a web application for students to easily access their class hyperlinks.
- Utilized Django framework for back-end development with PostgreSQL for data management.
- Deployed the application using Heroku and optimized visibility via Google Search Console.

ACTIVITIES

University of California, Davis - Student Assistant to Matthew Butner

Jan. 2023 - Present

- Assisted students with their comprehension of programming concepts in the C language.
- Held weekly office hours for students to ask questions regarding course logistics and content.
- Collaborated with the development of PrairieLearn elements in Javascript and HTML.

Google Developer Student Clubs - Technical Lead

Nov. 2022 - Present

- Attended professional development sessions that aspired to provide attendees with a greater understanding of developmental tools used in industry positions (i.e. Introduction to Verison Control, Introduction to Deep Learning Frameworks: TensorFlow and Pytorch).
- Collaborated with a team to develop software for sharing code using Node.js and socket.io.

Inspirit AI - Scholar

June 2021 - July 2021

- Participated in Python development activities through Google's Colaboratory Notebook.
- Collaborated with team to compile data to analyze the applications of artificial intelligence in the prevention of distracted driving.

College of the Redwoods - Student Tutor

Aug. 2021 - Dec. 2021

- Held tutoring sessions and scheduled appointments to assist students' learning.