

RYAN HELLWEGE

+1 (949) 529-4825 | rhellwege6@gmail.com | Fullerton, CA, USA | [linkedin.com/in/ryan-hellwege-461b79289/](https://www.linkedin.com/in/ryan-hellwege-461b79289/) | github.com/rhellwege

EDUCATION

California State University - Fullerton

August 2023 - December 2025

Bachelor's, Computer Science

- GPA: 3.8
- Relevant Coursework: Operating Systems, Databases, Malware Analysis, Web Frontend Development, Compilers and Languages, Software Engineering, Python

Saddleback College

August 2020 - May 2023

Associate's, Computer Science

- Relevant Coursework: Intro to Programming, Object-Oriented Programming, Assembly Language, Data Structures and Algorithms, Digital Circuits
- Academic Achievements: Dean's list Spring 2022

PROJECTS

Talk With Books - [Link to project](#)

August 2024 - Present

SolidJS, Golang, Redis, Docker, Langchain, Vector Database

- Fullstack web application that organizes user's notes and connects it to a large language model to semantically search text and chat in order to learn faster.
- Efficient frontend designed using SolidJs and Tailwind.
- Backend designed using Go and deployed with Docker. Implemented scalable task queueing and cookie caching using Redis.

AI Waste Recognition - [Link to project](#)

September 2023 - December 2023

Pytorch, Flask, Bootstrap, Vanilla Javascript

- Image classification neural network trained from scratch with a clean web user interface.
- Able to train the network live and interrogate the weights and evaluate user uploaded images.
- Developed using agile to coordinate team efforts effectively.

Mazer - [Link to project](#)

April 2022 - May 2022

C++

- A CLI tool built with C++ that solves and generates mazes using various algorithms.
- Supports generating GIFS of the generation method or the solve.
- Simple and sensible CLI options

SKILLS AND LANGUAGES

Skills and Languages: C/C++, Rust, Go, Linux/Unix, JavaScript, React.js, Java, TypeScript, Docker, Python, Pytorch, SQL, Postgres, MySQL, PHP, Web Development, Git, Agile, Redis, Customer Service, RabbitMQ

EXTRACURRICULAR

ACM CSUF OSS Team

Club Member / Open Source Contributor

- Used Sveltekit to develop a responsive, modern web interface.
- Contributed to the club's backend api in golang to store important information in a database and coordinate events.
- Extensively used git for version control.

PROFESSIONAL EXPERIENCE

Albertsons

Service Clerk

Ladera Ranch, CA, USA

August 2021 - August 2022

- Responsible for preparing food, cleaning, and coordinating product displays
- Fulfilled online and phone orders