

Christopher Dennis

<https://cdennis.dev> | chris@cdennis.dev | (570)-872-4881 | [linkedin.com/in/c-dennis](https://www.linkedin.com/in/c-dennis)

EDUCATION

Bachelor of Arts, Computer Science

Pomona College

QuestBridge National College Match Scholarship Recipient

May 2024

Claremont, CA

EXPERIENCE

Software Developer Intern

June 2023 – August 2023

SEI Investments Company

- Developed a full-stack web application to provide data analysis and visualization for financial strategies
- Employed Spring Boot to construct RESTful API endpoints, integrated an Angular frontend for data visualization, utilized MongoDB for streamlined data management
- Achieved a 70% reduction in time required by financial advisors to construct and execute trading strategies
- Collaborated in an agile development environment, planning sprints, organizing live demos, and delivering a final presentation to the CTO
- Engaged in professional development sessions and presented on the impact of AI in the workforce to a large employee audience

PROJECTS

Nearby Planes Tracker

React, Express

- Built a real-time flight tracking application using the AirLabs API and Google Maps API
- Integrated flight data with interactive mapping to display flight positions, route, operators, and status
- Implemented efficient state management and API handling in React for responsive user interactions

Pet Adoption Platform

React, Express, PostgreSQL

- Created a sample platform to facilitate the process of finding and adopting pets
- Implemented a CRUD system for managing pet data, user registrations, and adoption applications
- Managed persistent data with PostgreSQL and integrated API endpoints using Express

Typing Speed Game

Rust, React

- Developed a multiplayer typing game with real-time competitive races
- Implemented WebSockets for instant, synchronous communication between users
- Managed user data using cookies and deployed the backend via Docker

SKILLS AND TECHNOLOGIES

Languages: JavaScript, Python, Java, HTML, CSS

Frameworks and Tools: React, Node.JS, SQL, Spring Boot, Git, Docker

Concepts: Data Structures and Algorithms, Object-oriented Programming, Operating Systems, Database Management