**Christopher Dennis**  
https://cdennis.dev ❖ chris@cdennis.dev ❖ linkedin.com/in/c-dennis

**EDUCATION**

**Bachelor of Arts, Computer Science May 2024**

Pomona College *Claremont, CA*

GPA: 3.4

QuestBridge National College Match Scholarship Recipient

**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 75% reduction in time required by financial advisors to construct and execute trading strategies
* Collaborated in an agile development environment, contributing to sprint planning, 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**

**Tempest Type - 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

**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, administrative actions, and adoption applications
* Utilized JWT for user authentication and role-based access control
* Managed persistent data with PostgreSQL and integrated API endpoints using Express

**Nearby Planes Tracker**

React, Express

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

**SKILLS AND TECHNOLOGIES**

Languages: Java, Javascript, Python, 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, Unit Testing