

Seojin Park

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Portfolio Website: <https://chrisp030413.org/>

EDUCATION

University of California San Diego

- Pursuing a Bachelors in Computer Science

September 2024 - June 2026

GPA: 3.85

San Diego Miramar College

Associate degree of Science for transfer, Computer Science

- Honors Student, Associated Student Government Senator, Engineering Club officer

August 2022 - May 2024

GPA: 4.0

WORK EXPERIENCE

Software Engineer Intern / Argus West Investigations

January 2025 - Present

- Streamlined **REST API** endpoints, implemented **CRUD** functionality, and managed database migrations using **Django** to support the **SPEAR project**, improving backend efficiency and scalability
- Collaborated in refactoring in backend code and wrote **Unit Tests** to improve maintainability and reduce execution time

Software Engineer - AI Trainer / Alignerr

October 2024 - Present

- Annotated and labeled **300+ datasets**, ensuring high-quality training data to boost AI model accuracy
- Reviewed, analyzed, and debugged **200+ AI-generated code snippets**, identifying logical errors and providing corrective feedback to refine AI-driven development tools
- Collaborated with AI engineers to improve model performance by **20%**, identifying patterns in mislabeled or ambiguous data

Full-Stack Developer / CSES

September 2024 - Present

- Built **20+** dynamic components and pages for a **React Native mobile app** Triton Spend, an app for tracking finances
- Integrated **Google Authentication** for secure user login and **Node.js APIs** to handle transactions and data processing
- Used **AWS** for backend services and managed **PostgreSQL** as the database, ensuring scalability and efficient data storage
- Followed **CI/CD Pipeline**, utilizing **GitHub Actions** for automated testing and deployment

Software Development Intern / Falkor

July 2024 - September 2024

- Designed over **50+ reusable React Native components** for a full-stack social media application, enhancing UI consistency and user engagement
- Integrated over **100+ Django REST APIs**, ensuring low-latency data retrieval and seamless client-server communication
- Implemented **lazy loading**, **pagination**, and **optimized API calls**, reduced load time on frontend by **30%**

Software Test Engineer Intern / Sun Tech

June 2021 - August 2021

- Conducted **600+ firmware tests** on company products, **automating Unit and Integration testing** for reliability
- Identified and documented software and hardware defects using **JIRA**, facilitating efficient issue tracking and resolution

Machine Learning Intern / STEM-Away

October 2020 - August 2021

- Built a **basic recommendation system** using **Pandas** and **Jupyter Notebook**, applying data analysis techniques to personalize user suggestions and improve user engagement
- Scraped, cleaned, and structured web data using **BeautifulSoup**, enhancing dataset quality for machine learning experiments

PROJECTS

Discord Clone

May 2024 - July 2024

- Implemented **React**, **Node.js**, and **WebSockets** for **real-time messaging**, ensuring seamless and instant communication
- Enhanced server performance by **30%** using **rate limiting**, **database indexing**, and **connection pooling**
- Created a **scalable MySQL database schema** to manage users, channels, and messages efficiently

Jet Fighter Game

October 2023 - December 2023

- Programmed a 2-player jet fighter game using **Java GUIs**, leveraging **OOP** to create modular and maintainable code
- Boosted game performance by **40%** using **multithreading**, efficiently managing gameplay mechanics and player interactions in separate threads to minimize lag and optimize responsiveness

TECHNICAL SKILLS

Relevant Coursework: Advanced Data Structures, Sys Prog and Software Tools, Design & Analysis of Algorithms

Languages: C++, C, Java, Python, JavaScript, Typescript, Assembly MIPS, SQL

Libraries and Frameworks: ReactJS, React Native, Django, Node.js, Express.js, Angular, PostgreSQL, MySQL

Tools: Git, Github, Jira, Docker, Postman, Bit Bucket, AWS