

Seojin Park

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<https://chriscp030413.org/>

EDUCATION

University of California San Diego

2024 - Current

- Pursuing a Bachelors in Computer Science

GPA: 3.85

San Diego Miramar College

2022 - 2024

Associate degree of Science for transfer, Computer Science

GPA: 4.0

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

WORK EXPERIENCE

Software Engineer Intern / Argus West Investigations

January 2025 - Present

- Developed **REST API** endpoints and database migrations using **Django** to support the **SPEAR project**, improving backend efficiency and scalability
- Designed and optimized **PostgreSQL queries**, filtering and processing client data to enhance system accuracy
- Assisted in debugging and refactoring backend code to improve maintainability and reduce execution time

Software Engineer - AI Trainer / Alignerr

October 2024 - Present

- Annotated and labeled **100+ datasets**, ensuring high-quality training data to improve AI model accuracy
- Reviewed, analyzed, and debugged 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 identifying patterns in mislabeled or ambiguous data

Software Developer / CSES

September 2024 - Present

- Developed multiple pages and components for a **React Native mobile app** Triton Spend, designed to help UCSD students track their finances and spending habits
- Integrated **Node.js APIs** to handle transactions and data processing, ensuring seamless backend communication
- Followed **CI/CD Pipeline**, utilizing GitHub Actions for automated testing and deployment

Software Development Intern / Falkor

July 2024 - September 2024

- Designed and developed multiple **reusable React Native components** for a full-stack social media application, enhancing UI consistency and user engagement
- Integrated over **50+ 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, ensuring software reliability and functionality
- Identified and documented software and hardware defects using **JIRA**, facilitating efficient issue tracking and resolution
- Developed and maintained test cases and scripts, optimizing testing processes for improved coverage and efficiency

Machine Learning Intern / STEM-Away

October 2020 - August 2021

- Developed a **basic recommendation system** using **Pandas and Jupyter Notebook**, applying data analysis techniques to personalize user suggestions
- Scraped, cleaned, and structured web data using **BeautifulSoup**, enhancing dataset quality for machine learning experiments
- Explored **collaborative filtering techniques**, testing different models to improve recommendation accuracy

PROJECTS

Discord Clone

May 2024 - July 2024

- Implemented **WebSockets for real-time messaging**, ensuring seamless and instant communication
- Optimized server performance using **rate limiting**, **database indexing**, and **connection pooling**
- Designed a **scalable MySQL database schema** to manage users, channels, and messages efficiently

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

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