Seojin Park

San Diego, CA | 858-649-0181 | comosjay@gmail.com | LinkedIn | Portfolio Website

EDUCATION

University of California, San Diego — September 2024 - December 2026
Bachelor of Science in Computer Science
- Relevant Coursework: Advanced Data Structures, Design & Analysis of Algorithms, Machine Learning

San Diego Miramar College — August 2022 - May 2024
Associate of Science for Transfer in Computer Science
- Honors Student | Associated Student Government Senator | Engineering Club officer

WORK EXPERIENCE

Software Engineer Intern / Live Nation Entertainment — September 2025 - Current
- Integrated external music data sources (ChartMetrics, MusicBrainz) to provide contextual information for **genre classification** across Live Nation and Ticketmaster platforms
- Developing **LLM solutions** to predict and classify genres for **10,000+ artists** with higher accuracy
- Leveraging **Databricks** and **Spark** to process large-scale artist and fan interaction datasets for **scalable genre prediction**

Software Engineer Intern (ML) / TransCore — June 2025 - September 2025
- Developed specialized **AI agents** using **LLMs fine-tuned with Ollama**, integrated with **Open WebUI** to manage model interactions, and incorporated domain-specific **knowledge bases** for tolling system challenges
- Deployed **FastAPI** services to capture user feedback and log chat interactions, enabling performance tracking
- Created **prompt-based tools** in **Python** to enable **tool calling** for tasks like data lookup and internal system support

Software Developer (ServiceNow) / UCSD ITS — May 2025 - June 2025
- Contributed to the design and debugging of IT systems using **ServiceNow and Jira**, following Agile Development
- Wrote and maintained custom scripts in **JavaScript** and created **Record Producers**, **Catalog Items**, and **Flows**

Software Engineer Intern / Argus West Investigations — January 2025 - April 2025
- Streamlined **150+ RESTful API** endpoints, implemented **CRUD** functionality, and managed database model migrations using **Django** to create a **Case Management System (CMS)**
- Optimized backend logic and wrote **unit tests** using **Django TestCase** to improve maintainability and reduce execution times
- Followed **Agile methodologies,** participating in sprint planning, daily stand-ups, and code reviews

Software Development Intern / Falkor — July 2024 - September 2024
- Designed **50+ reusable React Native components** for a full-stack social media application, enhancing UI consistency and user engagement
- Integrated **100+ Django RESTful APIs** and containerized backend services with **Docker**, simplifying local development
- Enhanced frontend performance by adding **lazy loading**, **pagination**, and **optimized API calls**, reducing load time by **30%**

PROJECTS

Note Cast — June 2025 - Current
- Built a **React** web application that converts written notes into podcasts using **AWS Polly AI** for text-to-speech.
- Implemented secure user authentication with **Amazon Cognito** and integrated **Google OAuth** for seamless login.
- Leveraged **AWS Lambda** for serverless backend logic, **DynamoDB** for tracking word usage, and **S3** for audio file storage.

Triton Spend - Computer Science and Engineering Society — September 2024 - May 2025
- Led frontend and backend development and built **20+** dynamic components and pages for a **React Native open-source app, Triton Spend**, an app for tracking finances
- Integrated secure user authentication and **PostgreSQL-backed RESTful APIs** using **Google Auth** and **Node.js**
- Deployed app using **AWS** and set up **CI/CD pipelines** with **GitHub Actions**, automating testing and deployment

Stock Educator - Diamond Hacks 2025 — April 2025
- Developed an **AI-powered** stock simulator tool with **React, Node.js, Express.js, and PostgreSQL**
- Generated quizzes on past stock market situations and validated with **Gemini AI** to automatically check user answers and provide instant, actionable feedback
- Connected **real-time stock market data APIs**, providing insights to help users make informed trading decisions

TECHNICAL SKILLS

Languages: C++, C, Java, Python, HTML, CSS, JavaScript, TypeScript, SQL
Libraries and Frameworks: React, React Native, Django, Node.js, Express.js, PostgreSQL, MySQL, Ollama, Open WebUI
Developer Tools: Git, GitHub, GitHub Actions, Bitbucket, Jira, Docker, Postman, Swagger, AWS, Firebase