# Alexander Lee

+1 (510) 379 8091 | alexanderlee014@gmail.com | alexanderlee.live | GitHub | Linkedin

## EDUCATION

**University of California, San Diego**                                    La Jolla, CA
*Bachelor of Science in Computer Engineering*                    *Sep 2021 – Jun 2024*

## PROJECTS

**PantryPal | Spring Boot, Next.js, PostgreSQL, Docker, AWS**
*Github Repo, Website*
- Deployed web app using **AWS EC2 with Docker**, integrating GeminiAI for text generation to generate recipes for users to cook.
- Facilitated a team of 6 using Github Projects through **2 Agile Sprints**, achieving 90% of planned story points.
- Built CI/CD pipeline with Github Actions and Gradle, increasing test coverage to 80% and reducing deployment time by 10%.

**LangBridge AI | Next.js, FastAPI, Amazon Bedrock Agentcore**
*Demo*
- Delivered **Hackathon winning AI Multi-Agent**, utilizing Amazon Bedrock Agentcore with 2 other AI agents using Model-Context-Protocol.
- Generate multi-lingual video ads curated towards specified countries/regions using Bedrock AI and MiniMax MCP Server.
- Coordinated with a team of 4 to streamline the development process with multiple agents.

**FitCheck | Next.js, FastAPI**
*Github Repo, Demo*
- Created an image editing app with TTS and Generative AI to suggest clothing recommendations.
- Built a web app that modifies user-submitted images to suggest clothing recommendations.
- Utilize AI models like FLUX 1.1 to edit images based on clothing suggestions to display the suggested look.

**RiotStatChecker | HTML/CSS, Express.js, Firebase**
*Github Repo, Website*
- Designed a user-friendly UI to visualize real-time player statistics of the video League of Legends.
- Spearhead team of 3 with daily standup meetings driving team progress and accountability.
- Integrated and deployed using Firebase Hosting and Cloud Functions.

## EXPERIENCE

**Bookkeeper**                                         September 2024 – June 2025
*Goldenland Investment*                                               *Oakland, CA*
- Maintained records of annual income and expenses using Google Sheets, ensuring precise financial documentation.
- Streamlining monthly billing and invoicing processes resulting in timely payments and client satisfaction.
- Resolved technical issues involving Wi-Fi, computers, and printers, minimizing operational downtime.

## TECHNICAL SKILLS

**Languages**: Java, Python, C/C++, JavaScript, TypeScript, HTML/CSS, SQL, NoSQL
**Frameworks**: Spring Boot, React, Node.js, Nextjs
**Tools & Others**: Git, AWS Cloud, Google Cloud, Docker, Postman, Agile/Scrum