Kevin Le

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EDUCATION

Georgia Institute of Technology — Atlanta, GA
Masters of Science in Computer Science (Machine Learning) — *Nov. 2024 – May 2027*

Cal State University, Fullerton — Fullerton, CA
Bachelors of Science in Computer Science — *Aug. 2020 – May 2024*

EXPERIENCE

Junior Software Engineer (Full-Stack) — Aug 2023 – Present
Southern California Edison (SCE) — *Rosemead, CA*

- Contributed to the development of an internal ChatGPT platform for over 8,000 users by utilizing **TypeScript** and **PrismaDB**, and developed an **Azure Function App** (Python) to integrate interactions between cloud services, webhooks, and SharePoint file management.
- Implemented Azure AI and Cloud solutions to enhance chat accuracy and document processing by using **Azure AI Search** for efficient data handling of **Vector Databases**, **Azure OpenAI** for embeddings and chat completions, and **Azure Blob Storage** with **Document Intelligence** for improved document management
- Contributed to a comprehensive ticket creation web application using **TypeScript**, **Zod**, **Zustand**, and **Next.js** server actions by translating high-level user stories and wireframes into detailed Gherkin requirements and Octane test cases to enhance **CI/CD** pipelines.

Software Engineer Intern (iOS Developer) — May 2023 – Aug. 2023
Southern California Edison (SCE) — *Rosemead, CA*

- Led an effort to implement Generative AI utilizing **Swift** and **Natural Language Processing** models with speech-to-text capabilities modernizing form filling with a 100% efficiency gains to 1,200+ field workers
- Deployed a speech-to-text **microservice** using Azure Functions to orchestrate form-filling services in **TypeScript** ensuring seamless integration into different teams

Undergraduate Researcher (Data Science) — May 2023 – July 2023
ASSURE-US (CSUF) — *Fullerton, CA*

- Developed a **Stacking Regressor Model** to forecast potential layoffs and performed workforce impact analysis in 2024 utilizing historical data such as workforce percentage, industry, and company status (public/private)
- Utilized the Mapbox API to perform a comprehensive geospatial analysis, mapping the distribution of layoffs based on company location which provided insights into location-specific trends

Software Engineer Intern (Full-Stack) — May 2022 – Aug. 2022
NASA-JPL — *Pasadena, CA*

- Designed and developed a full-stack web app utilizing **Django** and **React** for the Office of Management Systems streamlining the ticketing system that supported the process improvement projects
- Developed an **LDAP API**-based authentication system providing product owners with a powerful search tool for identifying specific skill sets within JPL leading to enhanced resource allocation

ACTIVITIES

Orbital Labs Firmware Team | C — June 2022 – Jan 2024

- Developed **Embedded Systems** for a Zero-Pressure High Altitude Balloon leveraging **FreeRTOS** on **STM32 microcontrollers** resulting in the successful deployment of an optimized data reception system with **SWARM M138** modules

TECHNICAL SKILLS

Languages: C++, C, HTML/CSS, JavaScript, Python, Swift, PHP, R, SQL
Frameworks: TypeScript, Next.js, React.js, Node.js, Django
Developer Tools: Docker, MongoDB, PrismaDB, Redis Azure Cloud Services, AWS (ec2 and Lambda)
Libraries: pandas, NumPy, Matplotlib, SciKit-Learn
Certifications: Certified SCRUM Master