Meta, Software Engineer Intern

May 2025 – Aug. 2025; Menlo Park, CA

Boondoggle AI, Software Engineer Intern

June 2024 – Aug. 2024; San Francisco, CA (Remote)

Skills: TypeScript, Python, React.JS, LangChain, NLP, LLM, Supabase

Built generative AI solutions to streamline CRM operations, targeting support for 4,000+ clients by automating workflows

Developed automated pipelines with TypeScript, REST APIs, and GPT-4o (LLM) to create CRM contacts & deals by summarizing messages and interactions from LinkedIn and emails, reducing clients' manual data entry by 70%

Enhanced the accuracy of our semantic search and querying system by integrating LangChain, Pinecone (Vector database), and RAG, improving data processing time by 30% and response quality based on user tests

Created non-blocking unified APIs to automate missing profile completion for major CRMs (Salesforce, HubSpot, etc.)

Impossible Sensing, LLC, Software Engineer Intern

June 2023 – July 2023; St. Louis, MO

Skills: Python, C++, REST API, Django, Flask, React.JS, OOP, PostgreSQL, AWS

Collaborated with a cross-functional team of 5 to develop optical sensing software for NASA exploration detector projects, deploying scalable solutions on AWS using Docker to support over 1,000 users

Developed backend services with the Django MVT framework and REST APIs for record management, handling CRUD operations, data processing, and ML model predictions; implemented real-time camera image collection using OpenCV

Designed generic PostgreSQL schemas and a 2TB AWS RDS-based storage system for data management and replications

Crafted a responsive front-end interface using React.JS and Tailwind CSS, utilizing Dash for 8 interactive data visualizations

Enhanced IPC with async APIs and JSON-RPC for delay generators, improving timing control by 35% at millisecond levels

Sobriety Hub, LLC, Software Engineer Intern

May 2022 – Aug. 2022; St. Louis, MO

Project URL

Skills: Next.JS, React.JS, REST API, PostgreSQL, OOP, AWS

Developed an operating management application for sober living homes and launched the website with over 500 users

Built Next.JS APIs and Prisma models to speed up event registration by 40% and support operating analysis functions

Created PostgreSQL schemas and built data upload functions with AWS EC2 & S3 for operation and record management

Implemented responsive frontend UI and data visualizations with React, D3.JS, and Chakra-UI, resulting in 30% more visits

Tech Stack

Java
Python
C++
ReactJS
Django
Spring
PyTorch
TensorFlow
SQL
JavaScript
Swift
Golang
Git
Linux
Docker