

James Lee

Artificial Intelligence Practitioner

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Summary

I began my programming journey at the computer science department of Stony Brook University (New York). As a student, I learned to code starting with the fundamentals, including MIPS assembly, and Java. After finishing my studies at university, I taught myself to develop for the web, and worked as a full stack developer using tools such as Vue and Node. My most recent stint was as an AI Dev Intern at a startup in Bangkok that is bringing data-driven analytics to the food & beverage industry.

Experiences

Eatlab

Jr. AI Developer

8/2019 - 11/2019

- Scraped and normalized data from the web into a structured database.
- Trained a CNN model on 256 classes of Asian foods that was used as the base for a transfer-learning model on foods with limited sample images.
- Achieved over 94% accuracy with the transfer-learned model on Thai foods.

Code Ninja

Full-Stack Developer

4/2017 - 3/2019

- Lead front-end development for all (2) projects: B2C chat service & Import/Export data visualization
- Ported legacy monolithic-PHP project to Node (Nuxt front-end and Adonis back-end).
- Refactored existing codebase by modularizing front-end code and styles to be bundled by Webpack.
- Isolated back-end and front-end bottlenecks that ultimately reduced initial SPA loading time from 12 to 2 seconds.

Linken Labs

Full-Stack Developer

1/2015 - 3/2016

- Developed three projects: Client-facing web-app, admin-facing web-app, backend API services.
- Front-end designed entirely with Bootstrap and CSS.
- Boosted site's SEO rankings to first page of Google.

Projects

WeChat Downloads Automatically save downloads from WeChat

P.A.N.A.S. Track and analyze your mood(s) with a clinical survey

Beauty Quotient Facial recognition technology + the golden ratio

Tagalong News Philippines' first aggregated news site for in English, Tagalog, and Cebuano

Technologies

Front-End

6+ years

Vue, Nuxt
Tailwind.css, SCSS
Webpack
SPA/SSR
Performance Optimization

Back-End

4+ years

Node, Express
SQL, NoSQL
REST APIs, GraphQL
Serverless
Microservices

Machine Learning

2+ years

Tensorflow, Keras
PyTorch
Data Scraping & Processing
Deep Learning
Reinforcement Learning

Education

Coursera

Current

Deep/Reinforcement Learning
Mathematics

Stony Brook University

2014

B. Sc. in Computer Science
2nd Major in Business Finance
Minor in Political Science