Larry Yu

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Skill:

Full Stack Web Development | Machine Learning | Artificial Intelligence | Data Analysis Modeling | Project Management | Cloud Computing |Python | Go | TypeScript | C# | Java | C++ | HTML | CSS | SQL NoSQL | Amazon Web Services (AWS) | Flask | FastAPI | Pytorch | Selenium | NextJS | Angular | .NET |

Work Experience:

Software Engineer   Intel Corporation   08/2022 - 08/2023

Participated in the entire SDLC of an enterprise microservices web application, enabling GPU engineers to schedule and test GPU driver on simulation servers globally

- Optimized front-end performance by 7% by developing a caching service layer and an observable architecture service
- Reduced the workload of each server instance by 2% by developing the front end and a service API that displays error messages, eliminating the need for engineers to search for errors
- Deployed and monitored application usage in CI/CD environment, utilizing Docker, Kubernetes, Github Actions, and Grafana
- Provided user support on a rotating on-call schedule, troubleshooting issues, and guiding users through the usage of the application
- Python, TypeScript, Flask, Angular, Postgres, MongoDB, Microservices, Agile, CI/CD, Code Review, Grafana, Splunk, Test Driven Development (TDD), Unit Test, Functional Test, Linux

Software Developer   Tyler Technologies   05/2021 - 08/2021

- Developed critical module for enterprise desktop application using C# and WPF
- Integrated legacy code into a modern framework, ensuring seamless transition
- Collaborated with a team of 3 interns, conducted code reviews

Teaching/Research Assistant   Southern Methodist University   01/2023 - 12/2023

Python API Developer (FastAPI)   Dynotify Inc.   11/2020 - 02/2021

Project:

Synapticgo

A package that gives you full anatomy to build neural networks in Go. The ability to choose your activation function, value, and weight node by node

Whiteneurix

A generative neural network model that generates white balance pictures

Education:

Southern Methodist University

M.S. in Computer Science, Artificial Intelligence and Machine Learning Specialization   12/2023
B.S. in Physics, *B.A. in Economics*   05/2022

- Coursework: Business Forecasting, Econometric, Computer Architecture, Project Management, Natural Language Processing, Machine Learning, Quantum Informatics, Cloud Computing, Database Management, Digital Logic, Mobile Application for Sensing and Learning