Larry Yu

github.com/ly0708| ly0708.github.io
larryyu0116@gmail.com | 972.336.3422

EDUCATION

SOUTHERN METHODIST UNIVERSITY
M.S. in Computer Science
Dec 2023 | GPA: 3.3 / 4.0
B.S. in Physics
B.A. in Economics
May 2022 | GPA: 3.4 / 4.0

COURSEWORK

GRADUATE
Machine Learning
Project Planning and Management
Algorithm Engineering
Quantum Informatics
Advanced Operating Systems

UNDERGRADUATE
Computational Economics
Numerical Computing
Data Structures

SKILLS

PROGRAMMING
Confident:
Python • C++ • C# • HTML
Familiar:
JavaScript • CSS • Java

OTHERS
ASP.NET • WPF • Flask • FastAPI •
TensorFlow • Docker • SQL • NoSQL •
Google Cloud Platform

EXPERIENCE

ACCOUNT SPARK | Software Engineering Intern
Jul 2022 – On Going
- Deploying and maintaining applications on Google Cloud Platform
- Developing data science/machine learning models in Python, TensorFlow
- Initiated using Terraform to improve and save time in the deployment process

AYOKA SYSTEMS | Web Application Development Intern
Feb 2022 – May 2022
- Built and tested a table dashboard for a web application for the client to view its company data in a two weeks sprint agile
- Used C#/ASP.NET, HTML/CSS, and JavaScript, AG Grid, SQL Server
- Participated in client meetings and offer recommendations

TYLER TECHNOLOGIES | Software Development Intern
May 2021 – Aug 2021
- Utilized C# with WPF to develop a component of a desktop application
- Resolved issues related to integrating legacy code into the current framework
- Collaborated with 2 other interns in an agile 2 weeks sprint

DYNOTIFY INC. | Python API Development Internship
Feb 2021 – Apr 2021
- Developed 3 RESTful API services using Python/FastAPI
- Designed, implemented, tested, and documented all 3 APIs
- Improved the performance of 2 APIs by rewriting from Flask to FastAPI

PROJECTS

LY0708.GITHUB.IO
Used VueJS, Bootstrap, FastAPI, Cloud NoSQL to build my personal website

FIG'S AUTOCOMPLETE
Open source project, Fig autocomplete and give suggestions to your teminal commands
Added 3 autocomplete libraries using TypeScript

ORBITAL ANALYSIS
Planet's orbital analysis using euler methods. Compute in Python, NumPy and Matplotlib