ANGELA ZHANG

CONTACT

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- New York, NY
- My LinkedIn
- My Website
- </> My Github

EDUCATION

Sep 2021 - May 2025
NEW YORK UNIVERSITY

- Bachelor of Arts
  Major in Computer Science
  Minor in Psychology

PROGRAMMING LANGUAGES

Java, Python, C, HTML, CSS, JavaScript, TypeScript, SQL, Golang

TECHNICAL SKILLS

Visual Studio, Figma, Git, Azure Data Studio, Full Stack Web Development, React.js, Express, Pandas, Matplotlib, MongoDB, Linux, Computer Vision, REST APIs, Machine Learning, Artificial Intelligence, Node, AWS, Postgres

COURSES

Data Structures, Computer Architecture, Algorithms, Operating System, Discrete Mathematics, Linear Algebra, Data Science, Web Design, Computer Security, Information Technology in Business, Web Application

WORK EXPERIENCE

Nanyang Software Technology Co.,Ltd.   Shanghai, China
AI Software Engineer Intern   June 2024 - August 2024

- Designed and Integrated Azure OpenAI REST API to develop a smart Customer Manager for banks, enhancing client needs analysis and operational efficiency.
- Implemented Retrieval-augmented generation (RAG) to automate customer queries, leading to a 30% reduction in response time.
- Identified key customer service challenges and tailored AI solutions to meet specific business requirements.

Pionex.US   Princeton, New Jersey
Software Engineer Intern   May 2023 – July 2023

- Accelerated data analysis and enabled insight discovery for non-technical audiences by building JavaScript interactive dashboards.
- Debugged and refined service webpage with frontend coding languages like React.js, HTML, and CSS.
- Utilized Python data processing scripts to analyze and summarize financial transactions within the Cryptocurrency realm on the Pionex service website.

New York University C2SMART Research Center   Brooklyn, New York
Research Assistant   June 2022 – Dec 2022

- Designed and developed a user-friendly graphical interface for work zone image annotation utilizing Python's Tkinter framework.
- Trained work zone image labels with machine learning libraries like PyTorch and Sklearn.
- Built large scale traffic violation detecting model for New York city CCTV with YOLOv5 model, achieving accuracy over 90%.
- Engineered an interactive mapping application showcasing New York City work zones through the implementation of Plotly Dash.

PROJECTS

LevelingUp
Creator/Developer   April 2024 – July 2024

- Developed LevelingUp, a fitness journal platform that not only allows users to record their workout routines and goals.
- Innovated the platform by integrating AI Gymbot, a virtual assistant that retrieves user-specific data to offer personalized workout tips and advice.