Angela Zhang

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SUMMARY

In the rapidly evolving AI-driven technological landscape, I have honed real-world skills through my undergraduate studies and professional experiences, adapting effectively to industry shifts. Enthusiastic about the future of technology, I believe my computer science background not just as a major, but as a versatile tool for exploring interdisciplinary opportunities.

EDUCATION

New York University   **Sept 2021 - May 2025**
BA in Computer Science, Minor in Psychology

PROFESSIONAL EXPERIENCE

Nanyang Software Technology Co.,Ltd.   **June 2024 - Aug 2024**
AI Software Engineer Intern

- Designed and integrated the Azure OpenAI REST API into a smart Customer Manager banking system, leveraging AI to revolutionize client analysis and operational efficiency.
- Implemented Retrieval-augmented Generation (RAG) technology to automate customer queries, improving the bank's capabilities to identify opportunities for cross-selling and up-selling.
- Analyzed key customer service challenges and engineered tailored AI solutions to align with specific business objectives.

Pionex   **May 2023 - July 2023**
Software Engineer Intern

- Utilized real-time data processing (Kinesis AWS) and Machine Learning algorithms (Neural Networks) to enhance crypto trading accuracy, reducing transaction errors and latency in high-volume trading scenarios.
- Enhanced trading interfaces by refining web pages using React.js, HTML, and CSS, significantly improving user engagement and trading experience.

New York University C2SMART Research Center   **June 2022 - Dec 2022**
Research Assistant

- 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, TensorFlow, and Sklearn, achieving accuracy over 90%.
- Engineered an interactive mapping application showcasing New York City work zones through the implementation of Plotly Dash.

KEY COMPETENCIES

Programming Languages: Java, Python, C, HTML, CSS, JavaScript, TypeScript, SQL, Golang

Technical Skills: Figma, Git, Full Stack Web Development, React.js, Next.js, Node.js, Pandas, Matplotlib, MongoDB, Linux, Computer Vision, REST APIs, API Design, Machine Learning, Artificial Intelligence, LangChain, AWS, Microsoft Azure, 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

PROJECTS

LevelingUp   **April 2024 - July 2024**
Creator/Developer

- Developed a fitness journal platform that 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.