ANGELA ZHANG

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SUMMARY OF QUALIFICATION

Programming Languages: Java, Python, C, HTML, CSS, JavaScript, TypeScript, React.js, SQL

Tools: Excel, Adobe Photoshop, Google Collab, Fusion 360, Visual Studio, Figma, Git, Azure Data Studio

Skills: Data Structures, Computer Architecture, Algorithms, OS Development, Machine Learning, Discrete Mathematics, Linear Algebra, Data Science, Web Design, Computer Security, Information Technology in Business

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EDUCATION

New York University   New York, NY

- Bachelor of Arts in Computer Science   Sep 2021—May 2025
- Minor in Psychology

EXPERIENCE

Pionex.US   Princeton, New Jersey

Software Engineer Intern   May 2023 – July 2023

- Accelerated data analysis and enabled insight discovery for non-technical audiences through building interactive dashboards using JavaScript.
- 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, NY

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.

Dosilicon Co., Ltd.   Shanghai, China

Sales and Marketing Intern   July 2021 – Aug 2021

- Conducted comprehensive research on semiconductor chips produced by the company and analyzed competitive intelligence within the market landscape.