

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, Discrete Mathematics, Linear Algebra, Data Science, Web Design, Computer Security, Information Technology in Business

EDUCATION

New York University

New York, NY

- Bachelor of Arts in Computer Science
- Minor in Psychology

Sep 2021—May 2025

EXPERIENCE

Pionex.US

Princeton, New Jersey

Software Engineer Intern

May 2023 – July 2023

- Accelerated data analysis and enabled insight discovery for non-technical 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.