Angela zhang

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# Summary of qualification

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

**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

# 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.