

# ANGELA ZHANG

## CONTACT

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- New York, NY
- [My LinkedIn](#)
- [My Website](#)
- [My Github](#)

## PROFILE SUMMARY

Hello! I am Angela, a student majoring in Computer Science and minoring in Psychology at New York University. Growing up, I was fueled by an insatiable curiosity about how things work, which naturally drew me to the world of technology. Throughout my computer science journey, I've been fortunate to immerse myself in various professional and research roles that have strongly deepened my passion for the field. As I continue my studies, I will strive to use software development to enhance and simplify our lives, making technology more intuitive and accessible for everyone.

## 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

Fusion 360, Visual Studio, Figma, Git,  
Azure Data Studio, Full Stack Web  
Development, React.js, Express,  
MongoDB, Linux, Computer Vision,  
API Developing

## COURSES

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

## WORK EXPERIENCE

### Pionex.US

*Software Engineer Intern*

Princeton, New Jersey  
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*

*Research Assistant*

Brooklyn, New York  
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.

*Sales & Marketing Intern*

Shanghai, China  
July 2021 - August 2021

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