

ZHIXIN (JADE) YANG

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EDUCATION

Cornell Tech (Cornell University), New York, NY May 2026
Jacobs Technion-Cornell Dual Master of Science Degrees – Connective Media Concentration | GPA: 4.0

Cornell University, Ithaca, NY May 2024
Bachelor of Arts in Information Science and Bachelor of Arts in Economics | GPA: 4.0

Relevant Coursework: Object-Oriented Programming and Data Structure, Introduction to Web Development, Introduction to Data Science, Data Structures and Functional Programming, Computer System Organization & Programming, Introduction to Machine Learning
Honors/Awards: Dean's List from 2020 to 2024

TECHNICAL SKILLS

Coding Language: Java, Python, C, CSS, HTML, JavaScript, OCaml, Matlab, Stata, SQL, Spark
Other Tools: Figma, Video Editing, Excel

EXPERIENCE

NavInfo Co., Ltd., Algorithm Engineer Intern, Shenyang, China June- Sept 2024

- Used **Matlab** and **Simulink** to review models for auto-driving algorithms;
- Analyzed models by both static analysis and specific test cases to revise models according to ISO 26262 regulations;
- Used **Dify** to create workflows to simplify work process and wrote a guideline for the platform.

BURE Program for Social Media Chatbot Project, Research Assistant, Ithaca, NY June- Sept 2023

- Helped to design and code a social media chatbot website with **large language model** API with Professor Qian Yang;
- Used **CSS, HTML, JavaScript** to implement the website;
- Implemented the redesign of the prototype website with Material design using **React and NodeJS**;
- Acquired knowledge related to large language model and prompt engineering.

Labor Dynamics Institute Replication Lab, Research Assistant, Ithaca, NY June 2023- June 2024

- Helped to verify the computational reproducibility of articles in economics;
- Read papers, check and debug code in **Stata, R, Python, and Matlab**.

Beijing UrbanXYZ Co.Ltd, Data Analysis Intern, Beijing, China Feb 2021

- Helped with data gathering and data cleaning;
- Used collected data to predict potential trends for certain populations within a given region with **Python and Spark**;
- Acquired knowledge related to city management and data analysis for visualizing the life quality.

PROJECTS

Job Search Platform Fall 2022

- Worked with Professor Belot and Professor Kircher to find better job match algorithms;
- Helped to establish a job search platform with data analysis and visualization for future experimental use;
- Used **HTML, CSS, and JavaScript** to achieve data visualization on a US map.

Job Tracking Platform Summer 2024

- Worked alone to build a full-stack job search platform that support job tracking;
- Used **React, Express, MongoDB, NodeJS** for front-end and back-end realization.

Pac-man in OCaml Spring 2023

- Designed and rebuilt the game Pac-man in **OCaml** with group in Data Structures and Functional Programming course.

Digital Product Design Spring 2022

- Designed websites and apps through the full process of people's problems, brainstorm, user research, and prototyping;
- Redesigned Instagram and added a trending feature using **Figma**.

Website for In Transcription Fall 2022

- Redesigned and built the website for In Transcription Cornell Chapter using **HTML, CSS, and JavaScript**;
- Organized project meeting and communicated with the client.