

Zihan Zhao

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EDUCATION

Northeastern University, San Jose, CA

September 2021 - May 2023 (Expected)

Master of Science, Major in Information Systems

GPA: 4.0/4.0

University of Illinois at Urbana-Champaign, Champaign, IL

August 2016 - May 2020

Bachelor of Arts, Major in Economics

Dean's List 2019 - 2020

SKILLS

- **Language:** JavaScript, Java, Python (basics), HTML, CSS, Shell, Markdown
- **Editor:** VS Code, IntelliJ IDEA, Eclipse, Jupyter Notebook

PROJECTS

Sorting Algorithm Visualizer (Personal) | [GitHub](#) | [Website](#)

Summer 2022

- Built Vanilla JavaScript application for visualizing sorting algorithms
- Implemented Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, Quick Sort, and Heap Sort

Clear To-do App HTML Clone (Personal) | [GitHub](#) | [Website](#)

Fall 2022

- Replicated the iOS to-do app Clear using Vanilla JavaScript with ES6 features and OOD class concepts
- Implemented 8 gesture controls for adding, deleting, reordering, and clearing to-do items

Frontend Mentor Mini Projects (Personal) | [GitHub](#)

Summer 2022

- Built over a dozen of small static web components using HTML, CSS, and JavaScript
- Restored components such as preview card, landing page, and grid section based on design docs

Image Management Tool (Academic) | [GitHub](#)

Spring 2022

- Built image format conversion application in Java with GUI
- Utilized JavaXT and metadata extractor package for backend image information extraction and format conversion and JavaFX package for GUI development

San Francisco Crime & Apartment Rental Analysis (Academic) | [Report](#)

Fall 2021

- Analyzed correlation between San Francisco crime and rental data in Python with two other team members
- Cleaned, regrouped, and plotted crime data with over half a million entries using NumPy and Pandas
- Visualized and ranked different sets of data with bar/chart/line graphs and heat maps using Matplotlib

INTERNSHIPS

Bank of Communications, Xi'an, China

June 2019 - August 2019

Businesses Loan Department Intern

- Reviewed and inspected business revenues and debt levels for loan approval process
- Participated in field trips to deal with clients' complaints, fixed software issues and coordinated deposits

China Vigor Drilling Oil Tools and Equipment Co., Ltd. Xi'an, China

June 2017 - August 2017

Manager Assistant Intern

- Established and maintained firm's overseas social media platforms, constantly updated new ads and info
- Coordinated local and foreign staff, accommodated visitors, planned schedules and translated conversations and documents