**Zihan Zhao**

San Jose, CA | [zhao.zihan2@northeastern.edu](mailto:zhao.zihan2@northeastern.edu) | 217-693-9246 | [GitHub](https://github.com/zhao-zihan) | [LinkedIn](https://www.linkedin.com/in/zihancoding)

**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](https://github.com/zhao-zihan/sorting-algorithm-visualizer) | [Website](https://zhao-zihan.github.io/sorting-algorithm-visualizer/)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](https://github.com/zhao-zihan/html-clear-clone) | [Website](https://zhao-zihan.github.io/html-clear-clone/) 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](https://github.com/zhao-zihan/frontend-mentor-practices) 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](https://github.com/zhao-zihan/image-management-tool) 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](https://docs.google.com/presentation/d/1cuWRzFX6zVcyOIjgXg6KtjQAaezIQee22cQCSi44KFI/edit?usp=sharing) 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, ChinaJune 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