

# Zihan Zhao

San Jose, CA | [zhao.zihan2@northeastern.edu](mailto:zhao.zihan2@northeastern.edu) | 217-693-9246 | [GitHub](#) | [LinkedIn](#)

## EDUCATION

<b>Northeastern University</b> , San Jose, CA	September 2021 - December 2023 (Expected)
<i>Master of Science, Major in Information Systems</i>	GPA: 4.0/4.0
<b>University of Illinois at Urbana-Champaign</b> , Champaign, IL	August 2016 - May 2020
<i>Bachelor of Arts, Major in Economics</i>	Dean's List 2019 - 2020

## SKILLS

- **Languages:** JavaScript, Java, Python, HTML, CSS, Shell, Markdown
- **Tools:** VS Code, IntelliJ IDEA, Eclipse, Jupyter Notebook, Git, GitHub

## PROJECTS

<b>Sorting Algorithm Visualizer</b> (Personal)   <a href="#">GitHub</a>   <a href="#">Website</a>	Summer 2022
<ul style="list-style-type: none"><li>• Built Vanilla JavaScript application for visualizing sorting algorithms in a fancy but easy-to-understand way</li><li>• Implemented Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, Quick Sort, and Heap Sort</li><li>• Developed colored indicators and code traces for a direct and intuitive display of the sorting process</li></ul>	
<b>Clear To-do App HTML Clone</b> (Personal)   <a href="#">GitHub</a>   <a href="#">Website</a>	Fall 2022
<ul style="list-style-type: none"><li>• Replicated the iOS to-do app Clear using JavaScript that features interesting interactions on mobile devices</li><li>• Implemented 8 gesture controls for adding, deleting, reordering, and clearing to-do items</li><li>• Incorporated ES6 features and lots of practice of OOD concepts in the design and structure of the code</li></ul>	
<b>Frontend Mentor Mini Projects</b> (Personal)   <a href="#">GitHub</a>	Summer 2022
<ul style="list-style-type: none"><li>• Built over a dozen of small static web components using HTML, CSS, and JavaScript</li><li>• Restored components such as preview card, landing page, and grid section based on design docs</li></ul>	
<b>Image Management Tool</b> (Academic)   <a href="#">GitHub</a>	Spring 2022
<ul style="list-style-type: none"><li>• Built image processing application in Java with GUI that features metadata extraction and format conversion</li><li>• Utilized JavaXT and metadata extractor package for backend image information extraction and format conversion and JavaFX package for GUI development</li></ul>	
<b>San Francisco Crime &amp; Apartment Rental Analysis</b> (Academic)   <a href="#">Report</a>	Fall 2021
<ul style="list-style-type: none"><li>• Analyzed correlation between San Francisco crime and rental data in Python with two other team members</li><li>• Cleaned, regrouped, and plotted crime data with over half a million entries using NumPy and Pandas</li><li>• Visualized and ranked different sets of data with bar/chart/line graphs and heat maps using Matplotlib</li></ul>	

## INTERNSHIPS

<b>Bank of Communications</b> , Xi'an, China	June 2019 - August 2019
<i>Businesses Loan Department Intern</i>	
<ul style="list-style-type: none"><li>• Reviewed and inspected business revenues and debt levels within a team for loan approval processes</li><li>• Participated in field trips to deal with clients' complaints, fixed software issues, and coordinated deposits</li></ul>	
<b>China Vigor Drilling Oil Tools and Equipment Co., Ltd.</b> Xi'an, China	June 2017 - August 2017
<i>Manager Assistant Intern</i>	
<ul style="list-style-type: none"><li>• Established and maintained the firm's overseas social media platforms, constantly updated new ads and info</li><li>• Coordinated local and foreign staff, accommodated visitors, planned schedules, and acted as a translator</li></ul>	