**Zihan Zhao**

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**SUMMARY**

Transferred from arts major to technology with great passion. Self-motivated and forward-thinking software engineer with proficient Java programming skills in addition to a solid foundation of data structures and algorithms. Aim for excellence with blends of humor and integrity.

**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*

**TECHNICAL SKILLS**

* **Programming Languages & Frameworks**: Java (Proficient), Python, JavaFX
* **Software**: IntelliJ IDEA, Eclipse, Jupyter Notebook, Git, GitHub, Typora
* **Methodologies & Practices**: Java Data Structures & Algorithms, Data Cleaning & Visualizations with Python, Python Libraries (NumPy, Pandas, Matplotlib)

**ACADEMIC PROJECTS**

**Image Management Tool** Spring 2022

* Utilized JavaFX functions and developed GUI to allow users to operate images editing
* Deepened the understanding of OOP and use of inheritance, encapsulation, and interface in Java
* Delivered an easy-to-use image converting tool that allows users to upload and convert images to other formats

**San Francisco Crime & Apartment Rental Analysis** Fall 2021

* Used Python libraries NumPy and Pandas to clean, regroup, and plot crime data downloaded from SFPD
* Used Python library Matplotlib to draw bar, chart, and line graphs to visualize data relationships
* Delivered an informative visualization of best/worst neighborhoods to rent in San Francisco with more than 30 graphs, including a heatmap and a set of correlation matrixes for the class

**INTERNSHIPS**

**Bank of Communications,** Xi’an, ChinaJune 2019 - August 2019

*Department of Loans to Public Businesses*

* Directly interacted with clients, solving complaints, and coordinating withdrawals and deposits
* Assisted in loan cases reviewing process including examining revenues and debt levels for state-owned enterprises
* Contributed to examining and verifying personal loan application information

**China Vigor Drilling Oil Tools and Equipment Co., Ltd.** Xi’an, China June 2017 - August 2017

*Manager Assistant Intern*

* Acted as an interface between local and overseas employees, accommodated and translated for foreign coworkers
* Ensured on time delivery of reports and contracts with quality standards met
* Oversaw the firm’s overseas social media accounts such as LinkedIn, Instagram, and Facebook, producing English advertisements and information sections to expand global markets