Richard Zhao

Richardzhao132@gmail.com • Boston, MA 02118 • linkedin.com/in/richard-zhao-9a8443205/

SKILLS

Languages: Python, Java, C, C++, SQL, HTML, CSS, TypeScript, JavaScript, Assembly,
Frameworks and Libraries: Angular, Spring (Java), Qt (C++), Flask, Django, Tkinter, JSON, NLTK, BeautifulSoup
Knowledge of: AWS, GitHub, Linux, GUI Application, Computer Hardware

EDUCATION

Suffolk University - *Bachelor of Science, Computer Science*   ♀ Boston, MA | Sep 2019–May 2023
Honors: Dean's List, Full Ride Scholarship Student
GPA: 3.5

RELEVANT COURSEWORK

Computer Science I & II - Python/Java	Data Structures and Algorithms - Java	Computer Architecture
Computer Networks	Operating Systems	Object-Oriented Programming
Introduction to Data Science	Introduction to Databases	Calculus I & II

WORK EXPERIENCE

Square Tech - *Computer Science/IT Training Instructor*   ♀ Boston, MA | Jun 2022–May 2023
- Designed and structured comprehensive 6–12-week college-level Python courses tailored for high school students. Crafted engaging slide presentations, coding examples, and in-class exercises to facilitate effective learning.
- Devised stimulating final projects, enabling students to demonstrate their acquired skills through presentations at Square Tech's prestigious end-of-program events.
- Gained valuable hands-on experience in disassembling and reassembling customized gaming PCs, deepening knowledge of computer hardware and troubleshooting techniques.
- Collaborated seamlessly with Tech Networks of Boston's Network Support team to upgrade computer systems. Assisted in replacing outdated computers and seamlessly integrating new machines onto a local domain while installing essential software to optimize performance.

Registry of Deed - *Documentation Management Intern*   ♀ Boston, MA | Jun 2021–Aug 2021
- Diligently maintained and updated the Registry of Deeds database, ensuring accuracy and precision in recorded land documents.
- Conducted proofreading of recorded land documents, promptly identifying errors and initiating the process for their correction.
- Organized and categorized unsorted Registry of Deeds documents, such as Suffolk County building plans and tax files, by label code, streamlining access and retrieval.
- Fostered effective teamwork and collaboration with fellow interns to establish a comprehensive library of building plans, signed deeds, and land ownership documents, expertly arranged by volume number for seamless accessibility as required.

PROJECTS

Spring Boot Employee Management System
- Created a secure Employee Management System with Java Spring Boot, enabling seamless CRUD operations integrated with MySQL. Incorporated Spring Security for user authentication, highlighting my expertise in developing efficient and protected software solutions.

Yelp Reviews Sentimental Analysis
- Developed a novel Python program utilizing NLTK and Yelp star ratings to gauge sentiment of user review words within a Yelp dataset. Generated an organized CSV file presenting words with sentiment ratings, demonstrating expertise in sentiment analysis and data management.

PORTFOLIO

Link: https://richard-zhao132.github.io/