STEVE LIU

617-987-5436 | Boston, MA
Availability: July 2022 – Sept. 2022

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CURRENT EDUCATION:

Northeastern University | Boston, MA *Sept. 2020 - Present*
Khoury College of Computer Sciences
Candidate for Bachelor of Science in Computer Science Expected: *May 2024*
Minor in Mathematics
GPA: 3.78 / 4.0
Honors: Dean's List
Related Coursework: Algorithms and Data, Object Oriented Design, Database Design, Computer Systems, Fundamentals of Computer Science 1 & 2, Logic and Computation, Linear Algebra, and Discrete Structures.

LANGUAGES:

Java, JavaScript, Python, HTML, CSS, C, SQL, Racket

OPERATING SYSTEMS:

Windows 7/10, Linux

SOFTWARE:

IntelliJ IDEA, Eclipse IDE, Postman, VS Code, Git, Bitbucket, Jenkins, MongoDB, MySQL, Jira

LIBRARIES/FRAMEWORKS:

React JS, Selenium, Apache POI

PROJECTS:

Portfolio Website: *February 2022*

- Personal portfolio website rendered and built using HTML, CSS, and utilizes JavaScript for text, button, image, and navigation bar animations.
- Makes use of CSS Flexbox to enable full responsiveness to all native screen resolutions.

Video Database Editor with UI: *December 2021*

- Video platform database editor created with SQL and Java utilizing the JDBC API and Spring Boot to process and host server-side user queries and transactions to the database.
- Fully supports CRUD operations through the front-end UI rendered in HTML/CSS, JavaScript, and the React.js library.

Image Editor: *June 2021 – July 2021*

- Built GUI based image editor in Java using the standard Swing library with functionality to sharpen, blur, and apply filters such as grayscale and sepia to imported and procedurally generated images.
- Applies model-view-controller, command, and decorator pattern to maintain a flexible code base, enabling scalability for potential new features.

Maze Game: *May 2021*

- Created randomly generated maze game in Java using Kruskal's minimum spanning tree algorithm.
- Allows users to manually traverse the maze or compute the correct path with depth-first and breadth-first search.

RELEVANT EXPERIENCE:

MFS Investment Management | QA Automation Co-op **|** Boston, MA *Jan. 2021 – Present*

Khoury College of Computer Sciences | CS2500 Teaching Assistant | Boston, MA *Sept. 2021 – Dec. 2021*

- Hosted weekly labs and office hours open to over 800 introductory computer science students to teach fundamental concepts such data structures and patterns for designing programs.
- Assisted course instructors by grading students' exams, projects, and assignments.
- Worked and maintained constant communication with a team of over 100 other course assistants.

INTERESTS:

Chess, Fitness, and Cooking