

Jasmine Lai

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[GitHub](#) | [LinkedIn](#) | [Personal Website](#)

Availability: January 2023 - August 2023

EDUCATION

Northeastern University Boston, MA

Sep 2021 - Present

Bachelor of Science in Computer Science at Khoury College of Computer Sciences

Expected Graduation: May 2025

Honors: GPA: 3.89 / 4.00, Dean's List

Coursework: Algorithms and Data Structures (Graduate), Programming in C++, Database Design, Discrete Structures, Object-Oriented Design, Mathematics of Data Models, Fundamentals of CS 1 & 2 Accelerated

Acton-Boxborough Regional High School Acton, MA

Sep 2017 - Jun 2021

Honors: GPA: 4.56 / 5.00, National Merit Finalist, NSDA Academic All American Award

Activities: Public Forum Debate, Acton Institute of Computer Science, Track and Field

SKILLS

Languages: Java | C++ | HTML | CSS | SQL | LEAN | Racket

Environments: Windows | Linux | IntelliJ | Eclipse | Visual Studio Code

PROJECTS

Personal Website (HTML, CSS)

Sep 2022 - Present

- Built a personal website to serve as a digital portfolio for coding projects
- Designed responsive web pages and coded animations using JavaScript

Image Processing (Java)

Jun 2022

- Developed an image-editing program that is either text-based or uses a GUI, depending on user choice
- Utilized design patterns such as model-view-controller with emphasis on the SOLID principles

Marble Solitaire (Java)

May 2022

- Designed and implemented a text-based game based off of 3 different versions of marble solitaire
- Created a user-friendly text interface where players can customize the size and initial state of the game board

Seam Carving (Java)

Mar 2022

- Designed a program that resizes images by finding and removing the least interesting seams
- Implemented features that give the user control over seam removal such as changing the direction of seams

Professor Racket (HTML, CSS, Javascript)

Feb 2022

- Built a website with practice problems and an embedded compiler to help students learn the language Racket

EXPERIENCE

Northeastern University

Sep 2022 - Present

Lead Teaching Assistant for Fundamentals of Computer Science 1

Boston, MA

- Lead a weekly lab to guide 35 students through original content review and practice material
- Conduct weekly office hours of 4-5 hours to provide 1:1 support to students on assignments and course concepts
- Grade labs, assignments, exams, and meta-grade other TAs work for a class of 700+ students

Acton-Boxborough Regional High School

Sep 2020 - Jun 2021

Teaching Assistant for AP Computer Science A

Acton, MA

- Conducted biweekly office hours of 2 hours to provide 1:1 support to students on assignments and AP topics
- Supported a class of 20 students preparing to take the AP Computer Science A Exam

Acton Institute of Computer Science

Jul 2020, Jul 2021

Java Instructor

Acton, MA

- Taught classes of 3-7 students introductory and intermediate level Java for a virtual coding bootcamp
- Created weekly lesson plans with daily lectures and homework assignments

INTERESTS

Hiking | Figure Skating | Climbing | Snowboarding | Travel | The Expanse | Genshin Impact