Lisa Haiyi Jiang

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Permanent Address: Newton, MA | Local Address: Boston, MA | Availability: Summer 2022

EDUCATION

Northeastern University - **Khoury College of Computer Sciences** | Boston, MA   September 2021 - May 2025

Honors Program: *Candidate for a B.S. in Computer Science* | GPA: 3.74 | **Dean's List**

Relevant Coursework:
- Artificial Intelligence, Foundations of Data Science, Computer Systems, Algorithms, Object Oriented Programming, Database Design, Fundamentals of Computer Science 2 (Accelerated)

Honors: Clinton H. Scovell Scholarship | NU Merit Scholarship | Nancy Shyavitz Holczer Scholarship | Society of Women Engineers Certificate of Merit with Highest Honors | Massachusetts State Seal of Biliteracy with Distinction

COMPUTER SKILLS

Languages: Java, HTML, CSS, Racket, SQL, Python, JavaScript, TypeScript

Software/Libraries: Flask, Node.js, MySQL Workbench, MongoDB, Postman, React, Jupyter Notebook

Skills: natural language processing, heuristic search, automated deduction, game playing, deep learning

RELATED EXPERIENCE

Teaching Assistant for CS 2500 | Khoury College of Computer Sciences   May 2022 - present
- Works 15 hours a weak grading students' Homework, hosting office hours, offering technical guidance to students in the course *Fundamentals of Computer Science*.

Core Tech Team Member | HackBeanpot   April 2022 - present
- Develops and maintains the current Hackathon website and application portal using React, Node.JS, Typescript, MongoDB.
- Helps to run and coordinate events for this Hackathon with participants all around the U.S.

Software Engineer | Code4Community   December 2021 - present
- One of the few selected freshmen on the project Speak for The Trees to work on both front-end and back-end tickets such as creating routes, conducting privilege checks, making processors, fetching from the database, working with AWS, revising the documentation and testing on Postman in order to create and maintain software solutions for the project's non-profit clients

Hack Session Lead, E-board Member | Oasis   December 2021 - present
- Leads every hack session with roughly 80 participants by helping teams build their technical projects from their ideation to their finished product
- Recruits and interviews Oasis mentors who provide technical expertise to individual groups

Software Engineer | Oasis   September 2021 - present
- Worked as a full-stack developer to code the project *HungryHusky* that displays the ratings of each Northeastern dining hall, its hours, and its menu on a website in order to enhance Northeastern students' dining experience by using frameworks Flask and Figma and languages CSS and Python to develop the website

Research Assistant | Northeastern AI Chatbot Project   June 2021 - August 2021
- Taught Northeastern Students how an AI Chatbot works by developing an online video-series curriculum with two professors that was later uploaded to the U.S. Department of Education

Founder, President| Grasp Corp.   September 2021 - December 2021
- Worked with a team all the way from China to the U.S. to launch tutoring programs, produce podcasts, and invite guest speakers to share their insights with on average 500+ views per video

ADDITIONAL PROJECTS

Maze | Fundamentals of CS(Accelerated) II, CS2510   April 2022
- Developed a program that randomizes mazes using Kruscal's minimum spanning tree algorithm.
- Program uses depth-first search and breadth-first search to find the correct solution to the maze.

Seam Carver | Fundamentals of CS(Accelerated) II, CS2500   April 2022
- Coded a program that continuously reduces the size of images by removing the most trivial horizontal or vertical seam in the image by calculating the the brightness and energy of each pixel and its neighbors

ProfessorRacket | HackBeanpot Hackathon   February 2022
- Coded the front-end and back-end of the website ProfessorRacket using HTML, CSS, and JS and embedded an online compiler for users to input their Racket code