FAIZAH NAQVI

☎ (732) 567-5976 ✉ faizah_naqvi@brown.edu 📍 Providence, RI

EDUCATION

Brown University, *A.B in Computer Science*   Providence, RI
GPA: 3.9/4.0   <u>Expected graduation</u> 2026
Relevant coursework: Introduction to Object-Oriented Programming, Program Design with Data Structures and Algorithms, Linear Algebra, Statistical Inference I, Introduction to Computer Systems

SKILLS

Programming Languages: Java, Python, C++
Languages: Intermediate-High Chinese (ACTFL certified). Novice-High proficiency in Arabic (ACTFL certified). Basic Urdu.

PROJECTS

Travel Planner, Custom Built Packages   Apr. 2023
- Utilized BFS, Dijkstra's, and DFS algorithms to mimic a basic travel planner, training the algorithm to make a decision based on a certain input.

Search, Custom Built Packages   Apr. 2023
- Utilized multiple data structures to implement page-rank logic in a project to Search multiple documents and rank them by relevance.

Decision Trees, Custom Built Packages   Mar. 2023
- Utilized multiple data structures to craft a basic machine learning algorithm to make decisions based on a certain input.

Pacman, Object-Oriented Programming   Dec. 2022
- Utilized JavaFX, creating a basic breadth-first search algorithm and different ghost modes to mimic the original game.

COMPUTING EXPERTISE

Brown University Department of Computer Science   May 2023 - Present
- Serve as a socially responsible computing teaching assistant for ~400 students in "Introduction to Object Oriented Computer Science".
- Hold labs, mentor students, perform code reviews, and give mini-lectures on socially responsible computing.

AI Robotics Ethics Society   Sep. 2022 - Jun. 2023
- Research ethical problem solving, developing the AI Ethics Tool, designed to guide value-sensitive design.

IgniteCS   Sep. 2022 - Jan. 2023
- Tutor local lower school students in scratch, algorithms, and science as a weekly tutor with Raices Dual Language Academy.

COMMUNITY ENGAGEMENT

Community Coordinator, Providence RI   Aug. 2023 - Present
- Serve as a residential leader by fostering welcoming residential environments that promote students' holistic well being for ~30 residents.
- Plan community events, mediate roommate conflicts, perform weekly care walks.

Ashoka Intern, Washington, DC   May 2023 - Aug. 2023
- Assist the non-profit Ashoka with analysis on data to determine what it means to be a "Changemaker".

SOAR Intern, Providence, RI   Sep. 2022 - Nov. 2022
- Assist the Rhode Island Coalition to End Homeless with filing SSI/SSDI applications for those at risk of homelessness.

AWARDS

- National Merit Commended Scholar
- AP Scholar with Distinction
- NSLI-Y VSI Morocco Scholarship Recipient
- NSLI-Y VSI China Scholarship Recipient