

Abdurkader Abdi

615-749-5148 | abdurkaderabdi@gmail.com | [linkedin.com/in/abdurkader](https://www.linkedin.com/in/abdurkader) | github.com/hajiix

EDUCATION

Boston University - 3.77 GPA

Boston, MA

Bachelor of Arts in Computer Science, Minor in Mathematics

Sep. 2022 – May 2026

- Relevant coursework: Introduction to Computer Science I, Introduction to Computer Science II, Computer Architecture, Concepts of Programming Languages, Discrete Mathematics, Geometric Algorithms, Linear Algebra, Calculus, Statistics I

TECHNICAL SKILLS

Languages: Python, Java, OCaml, HTML/CSS, JavaScript, C, Assembly

Programming Concepts: Object-Oriented Design, Functional Programming, Data Structures & Algorithms

Developer Tools & Libraries: Git, Linux, GitHub, VS Code, Jupyter, Spyder, IntelliJ, Eclipse, NumPy, Matplotlib

EXPERIENCE & LEADERSHIP

Consulting Extern

August 2023 – October 2023

PricewaterhouseCoopers(PwC)

Remote

- Utilized databases to provide tangible solutions to a nonprofit by conducting research and applying consulting frameworks to analyze and evaluate challenges faced by said nonprofit.
- Delivered presentation to a nonprofit by providing a 360 communication strategy that recommended a rebranding to optimize SEO and highlighted organizations and influencers to partner with.

Programs Chair

April 2023 – Present

Boston University National Society of Black Engineers(NSBE)

Boston, MA

- Provide coding assistance with computer science related projects and homework while also fostering a conducive learning environment for NSBE members.
- Facilitate and support 100+ students by overseeing the planning and execution of diverse programs such as workshops, seminars, and conferences, that promote professional development, networking, and educational opportunities for NSBE members.

Hackathon Ambassador

Oct. 2022 – Present

BU Spark! Tech For Change/College of Data Science Research Activities

Boston, MA

- Organize numerous university hackathons for 300+ students and work directly with sponsors and vendors to meet deadlines.
- Develop and plan workshops that introduce students to Figma, various web development concepts, and version control systems.
- Advance the field of Public Interest Technology and bridge the gap between the technological world and society's interests by incorporating tracks such as food access, education, and sustainability.

PROJECTS

Sudoku Solver | Java

November 2022

- Developed a Sudoku solver by implementing a recursive backtracking algorithm that optimized efficiency while taking advantage of the inherent constraints of the puzzle using Java.
- Used testing with expert difficulty puzzles from [Sudoku.com](https://www.sudoku.com) and successfully passed all edge cases.

Gaussian Elimination Calculator | Python, NumPy

September 2023

- Leveraged Python and Numpy to create a program that solves linear and matrix equations by performing Gaussian elimination on matrices efficiently.

Landing Page | HTML, CSS, Git

October 2023

- Designed and developed a landing page by using Flexbox to create a responsive user interface.
- Utilized Git for version control and deployed the website on GitHub.

Chatbot | Python, OpenAI API

August 2022 – July 2023

- Integrated the OpenAI API using Python to assist users with mosque-related information by enabling natural language understanding and generative AI.