

Alijah Jackson

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Education

Tufts University | Medford , MA

Computer Science | 05/2026

Relevant Courses: Software Engineering, Data Structure, Applications in Engineering, Discrete Mathematics, Calculus III, Algorithms, Machine Structure, Community Health, Psychology, Philosophy

Technical Skills

Java Programming, C++ Programming, Website Design, HTML Programming, Microsoft Excel, Python Programming, SQL, Graphic Design

Related Work Experience

ATJ Technologies - Self Employed | Brooklyn, NY

Website Designer | 01/2022 - Present

- Created, launched and maintained a large-scale website for a non-profit organization, aimed for integrating newly arrived immigrants with local supports and referral programs, using WordPress, HTML, CSS, and JavaScript to implement the design, layout, and content of the site
- Redesigned the website of a music artist with improved aesthetics and functionality, using Adobe Photoshop and Illustrator to create and edit graphics, logos, and animations

Tufts University | Medford, MA

Student Worker | 09/2022 - 09/2024

- Produced over 40 promotional designs and posters for various study-abroad programs and events, using Adobe Illustrator
- Developed a program that collected and analyzed feedback from over 100 study-abroad students using Python and Google Forms, and generated insightful reports and recommendations for improving the student experience and satisfaction

Tufts University | Medford, MA

Ace++ Project Coordinator | 05/2023 - 08/2024

- Organized and led monthly tours of tech companies, research labs, and innovation hubs
- Guided students on 7 research projects using Bayesian statistics, providing expertise for effective design, implementation, and analysis
- Led multiple workshops for a cohort of 20 students, focusing on industry standards within the computer science field, covering best practices, emerging technologies, and professional development

North Star Academy - High School Robotics Team | Newark, NJ

Lead Software Programmer | 09/2021 - 06/2022

- Organized regular 3 weekly meetings and ensured timely completion of project milestones, such as designing, building, testing, and debugging the robot for the annual VEX Robotics Competition
- Managed a team of 5 robotics programmers, who used Java to program the robot's sensors, motors, and controllers

Highlighted Projects

- Developed a full emulator for a 32-bit Universal Machine in C, capable of executing a custom instruction set and handling segmented memory management
- Created a program in C++ that can compress and decompress data using Huffman coding, reducing the file size
- Implemented a text-based version of the board game Splendor in Java using object-oriented programming and input/output streams in Java
- Served as lead programmer and SFX coordinator, guiding a team of 6 in developing a 2D Unity game in 8 weeks

Personal Interests

Interior Design, Philosophy, Cooking