

AIDEN BARRERA

CONTACT



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SKILLS

- Java, C++, C#, CSS, Html, JS, and Python
- Web Design
- Algorithms and data structures
- Collaborative Team Player
- Decisive Critical Thinker
- Problem Solver

ACCOMPLISHMENTS

- Developed and launched a dynamic personal portfolio website with an intuitive, visually appealing interface using HTML, CSS, and JavaScript. Implemented responsive design for optimal viewing across devices, establishing a strong online presence to showcase professional accomplishments.
- Successfully served as a Teaching Assistant for NJIT's Data Structures and Algorithms class, guiding students in mastering challenging lab assignments and offering dedicated support during office hours to ensure success in homework completion.

EDUCATION

Expected in May 2026

Bachelor of Arts Computer Science

New Jersey Institute of Technology, Newark, NJ

GPA: 3.796

Honors: Dean's List (issued by NJIT), The National Society of Collegiate Scholars, and Phi Eta Sigma

OBJECTIVE

Seeking a summer internship opportunity where I can grow and thrive as a Software Engineer, with the help of my programming background.

Projects

Personal Portfolio

- Created a personal portfolio website to highlight my skills, services, and professional background.
- Crafted an intuitive and visually appealing user interface using HTML, CSS, and JavaScript.
- Implemented a responsive design strategy for an optimal viewing experience across different devices and browsers.
- Successfully established an online presence, offering a centralized platform to showcase professional accomplishments and services.

RELEVANT COURSEWORK

Intro to Computer Science (Java)

- Covers fundamental and advanced data structures and presents efficient algorithms using the Java programming language.

WORK EXPERIENCE

NJIT CS Teacher Assistant & Grader, Newark, NJ

January 2024 - Current

- Served as a Teaching Assistant for the Data Structures and Algorithms class at NJIT.
- Assisted students with understanding and completing lab assignments by providing guidance on problem-solving techniques.
- Conducted office hours to offer dedicated support to students seeking assistance with homework assignments.

STEM Tutor Memorial Middle School, Cedar Grove, NJ

September 2021 - June 2022

- Collaborated with students to complete homework assignments, identify lagging skills, and correct weaknesses.
- Motivated students towards learning and studying to build self-confidence and reduce fear of failure.
- Supported students with helpful study habits and exam strategies.