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

- Designed and executed a study program leading to a substantial improvement in the test scores and overall grades of three students.

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.