

Joshua De La Cruz

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EDUCATION

Amherst College, Amherst, MA

Expected May 2026

Computer Science Major

GPA: 3.5

Relevant Coursework: Introduction to CS I & II, Data Structures

Clubs and Activites: AI/Computer Science Club, Rockclimbing Club , Questbridge Chapter. La Causa(Hispanic Affinity Group)

EXPERIENCE

Amherst College, Amherst, MA

August 2023 – Present

Student Resource and Referral Assistant, Residential Engagement and Wellbeing

- Act as a resource to peers regarding questions and concerns by referring them to campus and community services and resources.
- Conduct, host and facilitate weekly resource and referral office hours with general resources, and weekly themes (writing, research, physical wellness and others that are determined by students) that highlights campus resources or invites campus partners to join in pop-ups.
- Host opportunities for faculty to connect with students. Offer opportunities for students to connect with staff in a variety of resource offices.

ESF Camps and Experiences, Riverdale,NY

July-August 2023

Tech Counselor

- Facilitated daily technology and crafts projects for a group of 11 middle-school aged campers through the use of Roblox Studio and JavaScript commands
- Assisted with the teaching of elementary-school aged campers of basic robotics programming through the use of Vex Robotic Kits
- Collaborated with co-counselor to implement safe and exciting individual and group activities during four-week day camp for campers ranging from k-7th grade level

BlackRock, New York City,NY

July-August 2022

Technology and Operations Intern

- Shadowed Data Engineers and gained insight into their daily task such as daily and weekly meetings, the process of coding their assigned projects and bi-weekly team reviews
- Gained knowledge on a broad range of finance and technology topics and on BlackRock as a company through rotational roles across technology and operations department
- Collaborated with 3 other interns on a group project based on the data onboarding process utilizing 3 imaginary data sets

Projects

Screensaver-Java,insert libraries

- Implemented jFileChooser to allow users to customize their screensaver by running images through a series of grayscale and dithering methods, and reduced their pixel size
- Incorporated features such as image control, audio overlapping, and location for time zones in order to display accurate time

Desktop File Clean- Python Automation Project

- Python Project that allows for file organization through the use of python automation
- Uses Python Watchdog API in order to monitor file system events and directories

Rock Paper Scissors - Java, CS111 Project

- Created as a Final Project for introduction to Computer Science course. Played through the terminal.
- Uses Java Standard Art and Standard Audio library through the use of wav audio files. Takes in User input through the use of Java Scanner library

Skills & Interest

- **Languages:** Fluent in Spanish
- **Computer Skills:** Proficient in following coding languages Java, JavaScript, Html, CSS
- Some experience with Python, React and Node.js