Joshua De La Cruz

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EDUCATION

Amherst College   Amherst,MA
Bachelor of Arts in Computer Science, GPA: 3.45   Expected May 2026
Awards/Honors: QuestBridge Match Scholarship
Relevant Coursework: Data Structures, Computer Systems, Linear Algebra, Compiler Design, Game Development(in progress)

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, HTML, C#, Clojure
Software: Visual Studio, Azure DevOps, CSS, Git

WORK EXPERIENCE

BlackRock   New York City,NY
Technology and Operations Intern   Jul 2022 – Aug 2022
- Shadowed Data Engineers and gained insight into product management, team collaboration, and coding practices through participation in daily standups, coding sessions, and bi-weekly team reviews
- Expanded expertise in fintech through rotational roles, exploring areas such as product management, data stewardship, and data engineering, enhancing understanding of BlackRock's technology and operations landscape
- Led a 4-person intern team in developing a data onboarding solution using Azure DevOps and Agile methodology, simulating real-world scenarios with 3 complex data sets

Amherst College Computer Science Department   Amherst,MA
Teaching Assistant/Gregory S.Call Academic Research Intern   Jun 2024 – Dec 2024
- Assisted course professor with weekly labs, provided in-class support, graded assignments, and helped students troubleshoot code and understand key concepts
- Hosted weekly office hours to answer questions, provide guidance on coursework, and offer one-on-one coding support

ESF Camps and Experiences   New York City,NY
Tech Counselor   Jul 2023 – Aug 2023
- Led daily tech workshops for 11 middle schoolers, teaching Roblox Studio and JavaScript fundamentals, resulting in each camper successfully creating and developing a custom obstacle course game

PROJECTS

Portfolio Website(JavaScript, HTML,CSS)
- Designed and developed a responsive portfolio website showcasing x projects, implementing modern CSS techniques and JavaScript interactivity
- Applied advanced web development concepts from All Star Code program to create a performant site, achieving a 95% Lighthouse score for accessibility and best practices

Evolutionary Resource Allocation(Clojure, Quil)
- Collaborative Clojure project created as final project for COSC-452 course
- Created visualizations of data through the use of the Quil data visualization library in Clojure

Desktop Cleaner(Python, Watchdog API)
- Python Project that allows for file organization through the use of Python automation
- Uses Python Watchdog API to monitor file system events and directories

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow, Career Preparation Fellow   Jan 2024 – Present
- Accepted into a selective 18-month professional development program for high-achieving, diverse talent

Amherst College, Wellness Team Member   Dec 2023 – Present
- Create, implement, and support initiatives to increase student engagement in activities that improve mental health and emotional wellness and build community.
- Lead and Support workshops centered around mental health and wellbeing.

ADDITIONAL SKILLS, INTERESTS, AND AFFILIATIONS

Fluent in Spanish, Interested in social innovation, entrepreneurship, and web development.
Affiliations: ColorStack, Hispanic Scholarship Fund