Carlos Barros

✉ cmbarrosb@gmail.com

○ github.com/cmbarrosb

in linkedin.com/in/cmbarrosb

Driven Computer Scientist with strong problem-solving skills, attention to detail, and a passion for meaningful technology. Focused on Cloud Technologies and Cybersecurity.

Skills: CLI, Version Control, Python, C++, Java, SQL, VsCode

RELEVANT EXPERIENCE

APPLE INC.
October 2022 - Present

- **Storage Technologies Quality Engineer**
  - Assembled and maintained **120+ test automation systems** and devices according to lab's priorities and best practices.
  - Implemented **python scripts in CLI** to execute batch testing saving over 30+ hours of work per week.
  - **Executed** over 20+ automated test plans on several device clusters and tracked their performance over time.
  - Maintained hosts and submitted changes through the **use of commits in version control** (Git).
  - Performed **ad-hoc manual tests** using multiple combinations of external media.
  - **Coordinated conversations** between team members from both Engineering and QA teams for proper bug triage.

- **Expert (S3)**
  - Deliver **engaging training presentations** to both peers and customers to promote features of products and best practices.
  - Maintain consistent **high level of performance** across store-wide metrics. Including averages of: 60% AC+. 50% Connected devices. 15+ Business introductions. 5% Account creation. 45+ NPS. 94% TMS.

- **Specialist (S2)**
  - Implemented strategic sales approaches, aligning with company directives to drive revenue and enhance customer engagement. Recognized as part of Top 5 AC+ attachments in first month.

EDUCATION

- **Bachelor's in Computer Science**
Fall 2023 - Fall 2025
  - **City University of New York GPA 3.5**
  - National Science Foundation STEM scholar.
  - Leo Stasky Storytelling Prize winner.
  - Dean's list Fall '23.
  - ACE program graduate.
  - Coursework : Databases, Numerical Analysis, Statistics, NLP, Cloud computing, Automata Theory, Software Engineering.

- **A.S with Honors**
Fall 2021 - Spring 2023
  - **City University of New York GPA 3.8**
  - Dean's List in Fall '21, Spring '22, Spring '23.
  - ASAP program graduate.
  - Coursework: Discrete Structures, Calculus, Data Structures, Algorithms, Programming Principles, JAVA, C++.

CERTIFCATES + COURSES

- **Data Structures in Python**
  - University of Michigan / Coursera
- **Databases in Python and SQL**
  - University of Michigan / Coursera
- **Git + Github Course**
  - Platzi (2022) & Skillsoft (2023)

PROJECTS

- **Patient Registry for Medical Office**
  - Built in Java to demonstrate proficiency with Queues and Stacks. Pop, push, peek.
- **Vehicle "Assembly Line"**
  - Built in C++ to demonstrate proficiency with Classes Inheritance, Polymorphism and header files.
- **Contact List for Telemarketer**
  - Built in C++ to demonstrate proficiency with Pointers, Templates and Linked Lists.