Diego Cicotoste

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EDUCATION

Northeastern University, *Boston, MA*   **Sept 2023 – Jun 2026**
B.S. Computer Science
• Study Abroad: **London**

EXPERIENCE

Amazon, *Incoming Software Development Engineering Intern*   **May 2025 – Aug 2025**
• N/A

Supply Trace, *Data Engineer/Project Manager*   **Sept 2024 – Present**
• Managed a high-performance team of **12**, ensuring tasks are up to date and all team members complete assignments effectively.
• Developed **efficient algorithms** to process, organize, and merge **millions of data points** monthly.
• Assisting in **rebuilding infrastructure** for **faster and safer** data loading.

Amazon, *Software Development Engineering Intern*   **May 2024 – Aug 2024**
• Extracted and processed data from **2+ million users** using Productiv API, enhancing data insights for business strategies.
• Designed and deployed **1 data pipeline** using **TypeScript**, reducing data processing time by **40%**.
• Implemented **data visualization** on Amazon QuickSight, improving UI satisfaction and helping cut costs by **$10 million**.

Code Ninjas Aventura, *Manager*   **Jun 2021 – Aug 2023**
• Led a team of **15 instructors**, overseeing daily operations, scheduling, and training.
• Delivered **$30,000+** in revenue monthly, peaking at **$70,000+** during summer camps.

PROJECTS

- **DYA**: Developed the entire **back-end** with **Firebase** and **JavaScript**, handling authentication and database management. Contributed to the **front-end** for seamless integration.
- **AlgoVisualizer**: Developed a **Python** application that visualizes **sorting algorithms** with dynamic, interactive controls to enhance user understanding.
- **Predator and Prey Sim**: **Java program** simulates interactions between **predator and prey** populations, providing a visually interactive ecosystem model.
- **HouseFinder**: A **Python application** using **AWS EC2 and S3** that allows users to **track house listings**, analyze prices, and receive **weekly CSV reports and charts**.

COMMUNITY INVOLVEMENT

AFE Ambassador, *Ambassador*   **Jan 2025 – Present**
• Represent Amazon on **student panels** and help organize events to support and promote the **AFE Scholarship program**.

MMBank, *Web Developer*   **Nov 2024 – Jan 2025**
• Designed and developed an **engaging and user-friendly website** for a **leading bank in Brazil**.

The Hope Box Club, *Founder*   **Jun 2021 – May 2023**
• Founded a club focused on **collecting toys and school/hygiene items** to support **underprivileged children**, with a goal of **1,500 boxes per year**.

SKILLS

Technical: Android Studio, IntelliJ, Flutter, VSCode, NetBeans, Xcode, PyCharm, AWS Console, Firebase, REST
Languages: Java, Kotlin, C#, Python, Dart, HTML, CSS, Swift, TypeScript, MySQL, JavaScript, C++, React.js
Interests: Snowboarding, Hackathons, Gym, Personal Projects, Hiking, Traveling, Meeting People

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