Andre Cardoso

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Summary:

Computer Engineering student at Northeastern University with a strong foundation in software development and a proven ability to learn new technologies quickly. Experienced in Python, C++, and Java, with hands-on experience in technical consulting at Cisco. Demonstrated leadership skills through stage management for a theater. Proficient in English, Portuguese, and Spanish. Seeking opportunities to leverage technical skills and diverse experiences in a challenging role.

Education:

Northeastern University, Boston MA   Graduating May 2026
Candidate for Bachelor of Science in Computer Engineering   **GPA 3.011**

Coursework: Cornerstone 2, Computing Fundamentals, Discrete structures, Embedded design,
Fundamentals of Networks, Calculus 2, Differential Equations and Linear algebra.

United Nations International School, New York NY   Graduated May 2021
International Baccalaureate Diploma   **GPA 5.72 out of 7**

Course work: Physics, English, Econ, Spanish, Calculus 1, Computer Science
Extended Essay: "To what extent is distributed computing an effective replacement for supercomputing?"

Academic Projects:

Robot Arm FPGA - *Fundamentals of Embedded Design Midterm Project*   **Spring 2022**
- Used Quartus to design a circuit to control a robotic arm, without any programming, pure circuit design.

Wordle Twitter Bot - *Computing Fundamentals Final Project*   **Spring 2022**
- Created a program in python that would use the Twitter API to pull tweets related to wordle, analyze those tweets to find how many guesses user took to solve the wordle and compared it to a wordle solver I created. https://twitter.com/WordleGuessAve

Minecraft Maze – *Cornerstone of Engineering Final Projec*t   **Spring 2022**
- Built a Minecraft inspired Board Game incorporating Arduino. Presented at the Boston Children's Museum

Knock Hockey – *Cornerstone of Engineering Midterm Project*   **Fall 2021**
- Constructed a game of knock hockey allowing for 4 players to play, and an Arduino to keep track of the score and celebrate goals.

Productivity Google Chrome Extension - *IB Computer Science Final Project* **Spring 2021**
Designed a chrome extension to help with productivity by blocking distracting classes, tracking how much time is spent on each site, and incorporating a to-do list. Created using JavaScript, HTML, and CSS

Experience:

Cisco Technical Consulting Engineer (Co-op)   **Jan 2023 – Jun 2023**
- In my role on the Webex TAC team, I honed my customer handling skills and developed a knack for swift problem-solving, enhancing customer satisfaction and service efficiency.
- On the CUCM call manager team, I deepened my understanding of IP phone operations. I set up virtual machines to replicate and resolve customer issues, ensuring the smooth functioning of Cisco customers' IP phone systems.

Little Frog Restaurant   **May 2021 – Jul 2021**
- As a host at a French restaurant in NYC, working 6-hour shifts 4 days a week, I honed my customer service skills, learned to handle high-pressure situations, and developed a keen understanding of the hospitality industry.

Funding Bright Futures   **Apr 2020 - Aug 2021**
- As a key member of the operations and finance team, I led weekly meetings to review class schedules, registrations and donations.
- FBF was a non-profit organization, dedicated to funding scholarships for underprivileged students in India and Mexico through diverse classes for children aged 4-12.

Stage Manager   **Sep 2018 - May 2020**
- The Cult that Made Spoons (Original Production):
  o Successfully staged four performances at the prestigious Edinburgh Fringe Festival 2019.
  o Organized and assisted with script development, choreography, line work, rehearsals, and set/costume design.
  o Led fundraising efforts, raising over $7,000 to cover production costs and travel expenses for the cast and crew.
- Twelfth Night & Willy Wonka:
  o Assisted the Director to cast the show, worked with cast of over 70 members.
  o Organized schedule of rehearsals, different parts being rehearsed simultaneously in different locations.
  o Managed backstage crew of 10+ members and planned all backstage operations.

Technical Skills: Languages: Personal Projects:

Python	HTML/CSS	Arduino	Quartus	Maya	English	Python Program to Play Against a
C++	JavaScript	Raspberry Pie	Xilinx/Vivado	Blender	Portuguese	User in Tic Tac Toe
Java	MATLAB		FPGAs	Office 365	Spanish	Python World Solver

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