RUBEN CARBAJAL

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EDUCATION

Boston University College of Engineering, Boston, MA **ANTICIPATED GRADUATION:** *May 2024*
B.S. Computer Engineering **GPA:** *3.37*
Relevant Coursework: *Computer Organization, Computer Networking, Applied Algorithms, Signals & Systems*

WORK EXPERIENCE

JP Morgan Chase, Columbus, OH *June 2022 – July 2022*
Software Engineering Fellow
- Deployed a web page targeted for people with student loans that provides financial assistance through a series a payment plan catered to the user, extensions to forgiveness opportunities, and current student loan news when participating in a hackathon with three other team members
- Consulted with **Citizens' Trust Bank** executives on a **several thousand-dollar** program to increase the recruitment of traditionalist consumers by researching and creating a marketing plan and final presentation with four other group members.
- Engaged in an online survival robotics competition with three other teammates through various peer programing practices and an agile workflow environment to grow our skills working in a professional team setting

Lifeguard, Houston, TX *May 2019 – July 2021*
Head Lifeguard
- Directed four other people by assigning roles, scheduling times, and kept people accountable to enforced pool regulation and establish a safe environment for everyone
- Showcased effective listening and communication skills to deal with unexpected adversities and high intensity situations

LEADERSHIP EXPERIENCE

Society of Hispanic Professional Engineers, Boston, MA *August 2021 - Present*
Vice President
- Facilitating communication between our university administrators and our organization's executive board to plan events and grow sponsors that keep members engaged
- Sourcing partnership events with other organizations to create provided professional and social events that develop our members and empower the Hispanic community in STEM awareness
- Organized a team of four to design and distribute custom hoodies, shirts, and stickers to members.

PROJECTS

STOCK TICK website *November - December 2022*
- Developed a website to provide information on a library of stocks and provide a live ticker to its behavior in the past year based on the user's input and provide stock details, recent news cards, and company summary
- Sourced information from the API Polygon, and utilized other open sources such as Apexcharts, Finnhub, Axios and HTML, CSS, Javascript, React for the website layout & behavior.

Custom Pokemon Game *October - November 2022*
- Created a pokemon game with various commands where the user can heal their pokemon at Pokemon Centers, encounter wild pokemon, and beat the game by defeating all the Pokemon Gyms.
- Designed the game layout and behavior all through C++ and utilizing object-oriented programing

ONE STEP website *Summer 2022*
- Developed a website with the purpose of guiding people through student loans, my role focused on front end development and working with a mix of CSS, HTML, and React
- Other features were done by a news API for recent student loan news, and nivo to show the homepage data
- The link to the website is: https://jpmc-olumbus-hackathon.vercel.app/my-steps

CERTIFICATIONS

- **Goldman Sachs FinTech Engineering,** *Forage* *October 2022*
- **JP Morgan Software Engineering**, *Forage* *November 2021*

SKILLS

C++ | HTML | CSS | C | Spanish (Native Proficiency) | Javascript | MATLAB | Verilog | Arduino | Microsoft Office