Celine Rojas

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Availability: May - December 2022

EDUCATION

Northeastern University | Boston, MA   September 2020 - Present
Khoury College of Computer Sciences
Candidate for a Bachelor of Science in Computer Science, May 2024
- Relevant Coursework: Algorithms & Data, Object-Oriented Design, Networks & Distributed Systems, Fundamentals of Computer Science I & II, Mathematics of Data Models, Discrete Structures, Database Design
- Activities: MULTI, Greenline Records, WRBB Northeastern Radio, NU Tetris

University High School | Orlando, FL   September 2016 - June 2020
- Honors: GPA: 3.8/4.0
    Enrolled in Global Technologies Magnet (2016-2020)
- Relevant Coursework: AP Computer Science A, AP Computer Science P, AP Calculus AB, AP Calculus BC

TECHNICAL KNOWLEDGE

- Languages: Java | Python | JavaScript | HTML | CSS | MySQL | Jekyll
- Software: Github | Eclipse | IntelliJ | Pycharms | VisualStudio Code | VirtualBox | Jupyter Notebook | Atom
- Systems: Windows | Linux (Manjaro, Ubuntu)

PERSONAL AND ACADEMIC PROJECTS

Personal Website (JavasScript, HTML, CSS)   January 2022 - February 2022
- Developed a personal website in order to showcase a portfolio of projects and relevant work experience..
- Designed multiple layouts and executed them with HTML and CSS.

Twitter Lyric Bot (Python)   December 2021
- Gained exposure to interfacing with API endpoints in order to become familiar with ways to source lyrics from Genius databases.
- Gained exposure to utilizing existing developer tools and environments such as twitter, genius, and AWS.

Distributed Key-Value Database (Python)   December 2021
- Utilized the Raft consensus algorithm and fundamental principles of distributed systems.
- Applied concurrent programming principles.

Web Crawler (Python)   November 2021
- Utilized Get and post HTTPS requests to scrape information from webpages. Analyzed login page to figure out authentication.
- Applied socket programming in python.

Image Processor (Java)   October 2021 - December 2021
- Implemented SOLID principles and object oriented design patterns such as the MVC model in order to produce a functional image processor.
- Implemented event driven functionality.
- Worked collaboratively through Github.

EXPERIENCE

Web Development
Environmental Engineering Department | Northeastern University   September 2021 - Present
- Developed a website(Jekyll) for a lab led by Pieper Kelsey in the environmental engineering department.
- Communicated with the team in order to understand their needs from the website.
- Received external content and integrated it with the design of the website.

Orlando Science Center Intern
NatureWorks Department | Orlando Science Center   September 2019 - March 2020
- Experienced learning in unfamiliar environments through animal husbandry training.
- Conducted research on the effect of enrichment on the 'species appropriate behavior' of an animal.
- Communicated science materials to guests of the Science Center.

Electronic Arts 'Get In the Game' Summer Camp
Electronic Arts | EA Tiburon studio   Summer 2019
- Participated in a coding boot camp held by Electronic arts. Developed a horror game based in Java. Developed time management and collaboration skills.

INTERESTS: Music | Games | Community service | Drawing | Crochet | Improv shows (Watching) | Upcycling clothes