Emira Hajj

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EDUCATION

Hunter College, City University of New York (CUNY) New York, NY
Bachelor of Arts in Computer Science| GPA: 3.72/4.00 Expected May 2021
Relevant Coursework:
Discrete Math, OOP and Data Structures (C++), Database Management, Computer Architecture, Operating Systems

SKILLS

Programming: C++, HTML, CSS, Python, JavaScript, Node.js, Express, Bash, SQL, Swift
Technologies: Git/GitHub, Adobe Photoshop, Illustrator, OS X, Unix, Linux, Spark AR Studio, Blender
Certifications: Udemy's The Complete 2020 Web Development Bootcamp, Aug 2020
Spoken Languages: Bilingual, Spanish (Conversational)

PROJECTS

Ear Worm May 2020 – Present
- Built a SQL database for users to browse data from year-end Billboard 200 Albums charts
- Implemented a Python web scraper to collect official Billboard chart entries from 1971-2019 and perform additional queries such as release year, and genre for each entry
- When completed, users will have access to a genre and artist analysis of charting entries for each decade

Tipster Aug 2020
- Built a simple iOS tip calculator app
- Allows users to set a default tip amount saved across app restarts. Includes tip splitting (up to four diners)

RELEVANT EXPERIENCE

CUNY Tech Prep New York, NY
Software Developer Fellow Aug 2020 – Present
- Selected for a technical training program, as one of 180 students out of 400+ applicants
- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test driven development, and CI/CD

Girls Who Code New York, NY
Teaching Assistant Jun 2020 – Aug 2020
- Co-lead instruction of topics in HTML, CSS and JavaScript to high school girls as part of GWC's Summer Immersion Program
- Facilitated Advisory Groups of 6-8 students to provide mentorship about opportunities in tech fields
- By the end of the program, students were able to create an Activist Toolkit website to raise awareness on a social issue of their choosing

Hunter College, Computer Science Department New York, NY
Head Undergraduate Teaching Assistant (OOP and Data Structures in C++) Aug 2019 – Present
- Assisted students in troubleshooting and completing coursework and projects
- Supplemented core curriculum with one-on-one attention in computer labs
- Aided students in understanding and developing algorithms to solve problems

SUPPORTING EXPERIENCE

Duckietown New York, NY
Workshop Student Jan 2020
- Part of a cohort of 30 women who participated in a 1-week AI workshop sponsored by Google CSR
- Explored concepts of computer vision and machine learning using autonomous robots

ASSOCIATIONS

Grace Hooper Student Scholar, Aug 2020-Present
CodePath iOS Student, Sept 2020-Present
CodePath iOS Tech Fellow, Spring 2021