Andrea Habib

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EDUCATION

CUNY, College of Staten Island: Bachelor of Science in Computer Science　　　　　　　Expected Dec 2022
Current GPA: 3.794　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Dean's List 2018-2020
Relevant Coursework: Analysis of Algorithms, Data Structures, Object Oriented Programming, Software Engineering, Web development
CodePath.org: iOS Mobile Application Design course using Swift
Tech Talent Pipeline Residency: Full stack bootcamp where topics on use of PostgreSQL, Express.js, React.js, Node,js were taught

TECHNICAL SKILLS

Programming: JavaScript, C++, HTML, CSS, Python, Bash, Java, Ruby, PHP, MySQL, MongoDB, Git, PostgreSQL, Swift
Frameworks & Libraries: React.js, React-Redux, NPM, Bootstrap, Node.js, Express.js, Django, GraphQL, Restful, MaterialUI, Next.js
Technologies: Spyder, Xcode, GitHub, Adobe Photoshop, Linux, Heroku, Visual Studio Code, Figma, Trello, Asana, Postman

PROFESSIONAL EXPERIENCE

Bridging Tech　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　New York, NY
Frontend Developer Volunteer　　　　　　　　　　　　　　　　　　　　　　　　　June 2021 – Present
Work alongside 4 front-end developers to create a webpage to connect students affected by homelessness to support with mentorship
- Translate a high-fidelity wireframe on Figma to code an optimized component based web app using React-Redux on client side
- Use MaterialUI as CSS framework to create custom components and make different themes
- Weekly Agile sprints with team and product manager to showcase newly implemented features and divide the tasks for the next feature

Develop for Good - Care Somalia　　　　　　　　　　　　　　　　　　　　　　　New York, NY
Back-end Developer Volunteer　　　　　　　　　　　　　　　　　　　　　　　　　April 2021 – Present
This project will be used by health staff of 20 health facilities for Internally Displaced People in Somalia and is expected to increase hospital birth delivery by 30% in the first year by tracking mothers' hospital visit dates and make appointments for workers to meet with the mothers
- Created entity-relationship diagram containing patients, appointments, patient assignment, village, the different workers, and facility
- Utilize Django to implement client-approved database models and GraphQL schemas to track data such as hospital services and visits
- Regular agile meetings with clients from Somalia, product manager, team and mentor to ensure we are on track with the product specifications, plan out the features, and create tasks for the development team, and discuss business needs.

College of Staten Island, Tech Talent Pipeline, CUNY 2x　　　　　　　　　　　New York, NY
Workshop Facilitator　　　　　　　　　　　　　　　　　　　　　　　　　　　　Sept 2021
- Instruct a series of 6 Technical Development workshops for 20 Computer Science Students for entry into TTP Residency program
Lead Teaching Assistant, GitHub Campus Expert　　　　　　　　　　　　　　　　June 2021 – July 2021
Assisted students with interview questions during class in teams, working collaboratively to solve data structure questions
- Compiled and published a Gitbook page that includes class syllabus and professional development resources for students to use
- Planned and hosted Git and GitHub workshops to help students be better prepared for internships

Major League Hacking (MLH)　　　　　　　　　　　　　　　　　　　　　　　　New York, NY
Software Development Internship　　　　　　　　　　　　　　　　　　　　　　　June 2020 – Aug 2020
Daily agile sprints with mentor and team members, and weekly retrospective to showcase the new contributions and skills learned
- Led team of 3 developers, won 1st place in MLH Hackathon to build application that shows map of COVID-19 cases in any geo area
- Contributed to open source projects Discourse and Discourse Data Explorer plugin on GitHub

TECHNICAL PROJECTS

Personal Portfolio - *Front-end web development*
- Developed personal portfolio using React.js to showcase my skills, experiences and projects

Internship RSS Feed - *RSS Reader*
- Developed personalized RSS reader for CSI Career Center to provide easy access to internships for the CS student population

LEADERSHIP

"Hack-A-Project Club" Founder President - Hack-A-Project Website
- Founded a club for students to collaborate on projects and leading students to develop professionally and technically
- HackCSI - Organized and mentored a hackathon event for 45 College of Staten Island students, and ran workshops

MLH & CUNY2X Sponsored Event Workshops
- **"Git into Github":** Led and organized a workshop to introduce git and github for my computer science college community
- **"Let's Python":** Lead instructor and organizer of a python workshop for 20 students

GitHub Campus Expert　　　　　　　　　　　　　　　　　　　　　　　　　　　May 2020 – Present
- Sponsored as a GitHub campus expert to support technical and professional development of CSI computer science students
- Collaborated with computer science academic advisor to compile internship prep handbook for computer science students