

Andrea Habib

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EDUCATION

City University of New York, College of Staten Island

Bachelor of Science in Computer Science

Current GPA: 3.896

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

Staten Island, NY

Expected May 2022

Dean's List 2018-2020

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

Technologies: Spyder, Xcode, GitHub, Adobe Photoshop, Linux, Heroku, Visual Studio Code, Figma, Trello, Asana

PROFESSIONAL EXPERIENCE

Bridging Tech

New York, NY

Product Relations Associate, 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 sprints with product manager to showcase newly implemented features and divide the tasks for the next feature
- Present progress of development in all-hands monthly meetings

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 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 Technical Development workshops for 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 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

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 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

[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