

Andrea Habib

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EDUCATION

CUNY, College of Staten Island: Bachelor of Science in Computer Science

Expected Dec 2022

Current GPA: 3.805

Dean's List 2018-2020

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 – Oct 2021

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

Teaching Assistant, Tech Talent Pipeline CSI Residency

Jan 2022

- Help and guide students through their assignments, while explaining different concepts on the tech stack being used
- Hosted workshops on Javascript DOM, React.js, Redux, Git and GitHub, and Backend development

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

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

[CS Prereq Flowcharts](#)

- Developed a website that will help academic advisement by showing individual academic catalog year flowchart of prereq classes

[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

- Led and organized workshops "Git into GitHub" and "Let's Python" series for the computer science students at CSI

[GitHub Campus Expert \(GCE\)](#) & [Microsoft Learn Student Ambassador \(MLSA\)](#)

May 2020 – Present

- Sponsored as a GCE and MLSA to support technical and professional development of CSI computer science students
- Collaborated with computer science academic advisor as a GCE to compile [internship prep handbook](#) for computer science students