

Isabel Abonitalla

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🎓 Education

Bachelor of Arts in Computer Science, Hunter College, CUNY

Dec 2023

Awards: Dean's List

Coursework: Practical Web Development in **JS**, Data Mining in **Python**, Digital Product Development, Data Structures and Algorithms in **C++**, Relational Databases and **SQL**, Practical **Unix** and **Perl**, Discrete Math, Computer Theory; Operating Systems, Computer Architecture, Data Science in **Python**

💼 Experience

Software Engineer Intern, Microsoft

May 2022 – Aug 2022 | Atlanta, GA

- Implemented a rollback feature for the Impactful Orchestrator in **C#** with the Azure Planned Maintenance team

Hackathon Coach, Major League Hacking 📌

Mar 2022 – present | New York, NY

- Facilitate the success of seventeen 24-36 hour programming competitions each with 300+ students in attendance
- Teach 12+ international virtual workshops on technical and entrepreneurial topics to 40+ students

Undergraduate Teaching Assistant, Hunter College

Feb 2022 – Dec 2022 | New York, NY

- Facilitated weekly C++ lab section of 30+ students by clarifying programming concepts, data structures, and syntax
- Demonstrated/modeled testing principles when supporting students with debugging

Founder, Craving 📌

Aug 2021 – Mar 2022 | New York, NY

- Oversaw and managed a team of 15 on the development of mobile dating app using **React Native & Firebase**
- Created and maintained product requirements, technical specifications, business plan, pitch deck, and roadmap
- Completed CUNY Startups accelerator ranked 4th of 15 teams and Pioneer accelerator ranked 24th in N. America

Product Management Intern, Roblox

Jun 2021 – Sep 2021 | San Mateo, CA

- Ideated key new features and wrote specification documents geared towards design and engineering teams
- Designed product requirements and low-fidelity mockups for desktop interfaces

Software Engineer Intern, Oden Technologies

Feb 2021 – May 2021 | New York, NY

- Improved user experience and addressed users' feature request by implementing drag-and-drop reordering of results filters using **React Typescript**
- Created dynamic data visualization options for metrics taken from industrial IoT sensors using **Go** and **GraphQL**
- Prototyped a cross-platform mobile application that delivers alerts and notifications using **React Native**

💻 Projects

meds.fyi, Creatica 📌

- Awarded "Best Use of Google Cloud" for crowdsourced price transparency for surgical procedures, tests, and meds
- Singlehandedly used **React.js** for the user interface, **Leaflet.js** for the map, **Firebase** for the user authentication, **Cloud SQL** for the database, and **App Engine** for the deployment in the span of a weekend hackathon

WEemotion, Mental Health Hacks 📌

- Awarded "Best Informative Hack" for creating a web app that helps users with alexithymia describe then track their emotions over time
- Used **React.js** for the frontend, **Firestore** for the database, and **Firebase** for user authentication and deployment
- Personally contributed to design, frontend development, and hosting

🏆 Honors

Featured in the inaugural class of **Major League Hacking Top 50** as one of the global hackathon community's fifty most influential members out of 135,000+ people

15x Hackathon Award Winner including First Place at the Maternal Mortality & Morbidity Code-a-thon, Best Startup Idea at SacHacks, and Most Popular Submission at HackHacks

💖 Activities

Founder & President: Google Developer Student Club, 2019 & 2020 Scholar: Grace Hopper Celebration, Mentor: NOVA Fire, Command Connect, BEAM, HackGuild, CUNY Startups, Fellow & Champion: Rewriting the Code, Vice President: Open Source Club, City Leader: AnitaB.org, Junior Senator: Undergraduate Student Government, Treasurer: Crochet & Knitting Club, Lead: Codecademy Chapter, Ambassador: #BUILTBYGIRLS