

Isabel Abonitalla

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🎓 Education

Bachelor of Arts in Computer Science, Hunter College, CUNY

May 2023

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

In Progress Coursework: Operating Systems, Computer Architecture

💼 Experience

Software Engineer Intern, Microsoft

May 2022 – Aug 2022 | Atlanta, GA

- Implement 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 eleven 24-36 hour programming competitions each with 300+ students in attendance
- Teach international virtual workshops on technical and entrepreneurial topics to 40+ students

Undergraduate Teaching Assistant, Hunter College

Feb 2022 – present | New York, NY

- Assisted weekly C++ lab section 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

- Oversee and manage the development of a mobile dating app that uses **React Native** and **Firebase**
- Create product requirements, technical specifications, business plan, pitch deck, roadmap, and other documents
- Completed CUNY Startups accelerator ranked 4th of 15 teams and Pioneer accelerator ranked 24th in North 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

🎯 Languages, Honors and Activities

English, Filipino, Cebuano

Top 50, Class of 2020: Major League Hacking | Dean's List: Hunter College | Most Popular: HawkHacks | Best Informative: Mental Health Hacks | Best Use of GCP: Creatica, Hack@CEWIT, TechTogether Boston | Best UX: Hack@CEWIT | Best Equality: HackHer413 | Best Environmental Sustainability: HackRice, TechTogether Boston | Best API & Storage: Technica | Best Domain: DragonHacks | Grand Prize Winner: Maternal Mortality & Morbidity Code-a-thon | Best Education: ByteHacks

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