

Isabel Abonitalla

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🎓 Education

Bachelor of Arts in Computer Science, Hunter College, CUNY May 2022
Completed Coursework: Practical **Unix** and **Perl**, Relational Databases and **SQL**, Discrete Math, Computer Theory, Data Mining in **Python**
In Progress Coursework: Data Structures and Algorithms in **C++**, Operating Systems, Practical Web Development, Product Development, Computer Architecture

📁 Experience

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**

Lead Developer + Board Member, The Purple Hydrangea Project Jun 2020 – Sep 2022 | Los Angeles, CA
• Modernize and spearhead the development of web app and blog using **Gatsby.js**, **Sass** and **GraphQL**
• Delegate tasks, manage sprints, and mentor team of 5 student volunteers

Web Developer Intern, Caribou May 2020 – Aug 2020 | Toronto, Canada
• Built components and pages for company website using **Gatsby.js** and **GraphQL**, following atomic design
• Participated in daily sprint meetings and weekly retro meetings, following the agile methodology

Operations + Information Technology Intern, Fiera Capital Inc. Jan 2020 – Jul 2020 | New York, NY
• Implemented data parser using **Python** that pulls 18 years' worth of data from FBI crime reports to calculate ESG
• Enhanced the controls and reporting processes, saving 400 hours and \$20,000 a year

📁 Projects

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

FoodLink, TechTogether Boston [🔗](#)
• Awarded "Best Use of Google Cloud" for creating a web app that connects donation centers to those in need through community building
• Utilized **Flask**, **Jinja**, **HTML**, and **CSS** for web app
• Personally implemented frontend and **Google Cloud's** Maps API for a visual representation of nearby donation centers

🎖 Languages, Honors and Activities

English, Filipino, Cebuano

Top 50, Class of 2020: Major League Hacking | Dean's List: Hunter College | Best Informative: Mental Health Hacks | Best Use of GCP: 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