Isabel Abonitalla

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🎓 Education

Bachelor of Arts in Computer Science, May 2022
Hunter College, City University of New York
Completed Coursework: Practical **Unix** and **Perl**, Relational Databases and **SQL**, Discrete Math
In Progress Coursework: Data Structures and Algorithms in **C++,** Computer Architecture, Computer Theory, Data Mining in **Python**

💼 Experience

Software Engineer Intern, *Oden Technologies* Feb 2021 – present | New York, NY
- Improved user experience and addressed users' feature request by implementing drag-and-drop reordering of results filters using **React Typescript**
- Create dynamic data visualization options such as tables and line graphs for metrics taken from industrial sensors using **Go** and **GraphQL**

Lead Developer + Board Member, *The Purple Hydrangea Project* Jun 2020 – present | Los Angeles, CA
- Reach 300 weekly visitors by modernizing and spearheading the development of web app and blog using **Gatsby.js**, **Sass** and **GraphQL**
- Delegate tasks, manage sprints, and mentor development team of 5 students

Web Developer Intern, *Caribou* May 2020 – Aug 2020 | Toronto, Canada
- Built components and pages for company website using **React.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

Sift, *SacHacks III* ⬈
- Awarded "Best Startup Idea" for creating a prototype that helps restaurant owners gather and visualize high-level insights from large amounts of data from online reviews
- Utilized **IBM Cloud**'s Natural Language Understanding API and Yelp API to create the machine learning model and **Figma** for the mockups
- Personally implemented the machine learning model

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: Major League Hacking | Dean's List: Hunter College | Best Use of GCP: Citrus Hack, Hack@CEWIT, TechTogether Boston | Best UX: Hack@CEWIT | Best Equality: HackHer413 | Best Environmental Sustainability: TechTogether Boston | Best API & Storage: Technica | Best Domain: DragonHacks | Grand Prize Winner: Maternal Mortality & Morbidity Code-a-thon | Best Education: ByteHacks

Scholar: Grace Hopper Celebration | Fellow & Champion: Rewriting the Code | 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