

Education

Hunter College: City University of New York

Bachelor of Arts; Computer Science, Biology

Completed: Practical Unix & **Perl**, Relational Databases & **SQL**, Discrete Math

In Progress: Data Structures & Algorithms in **C++**, Computer Architecture

Expected Graduation: May 2022

Major GPA: 3.4

Experience

Co-founder & Executive Director | HackGuild; New York, NY

May 2020 - Present

- HackGuild is a global nonprofit dedicated to increasing access to CS education through mentorship & tech events
- Manage administrative duties which include nonprofit compliance, documentation, and financial reports
- Create biweekly sprints, delegate tasks, and ensure that 20 members meet deadlines with high-quality deliverables
- Develop website and blog using **Gatsby.js**

Web Development Intern | Caribou; Toronto, Canada

May 2020 - Present

- Create components for company website using **React.js** while following the atomic design methodology

Information Technology Intern | Fiera Capital Inc; New York, NY

January 2020 - Present

- Develop an API using **Python** that pulls 18 years' worth of data from the FBI's crime reports to calculate ESG criteria
- Leverage Office 365 apps to optimize account tracking, reducing redundant data entry and other manual tasks by 26%

Research Associate | Columbia University Medical Center; New York, NY

June 2017 - August 2018

- Utilized **R** to investigate the differences in brain metabolite levels in both healthy patients and those with multiple sclerosis to aid in the diagnosis of the latter
- Created recursive partitioning and conditional inference trees with over 72% accuracy in classifying multiple sclerosis variants in patients

Projects

AccountTwin | Hack At Home

May 2020

- Created website for pairing up users as accountability buddies using **React.js**
- Utilized **GraphQL** and **MongoDB** for the back-end

House.py | HackHer413

February 2020

- Developed computer vision algorithm using Python's **OpenCV** to measure dimensions of an object in a given image
- Created website using Python's **Django** that prevented housing inaccessibility by improving the user experience of engineers and help them cater to reasonable accommodations

MamaCare | Maternal Mortality and Morbidity Code-a-thon

January 2019

- Designed wireframes and user personas using **Adobe XD** for cross-platform mobile app
- Utilized **Flutter** for app that educates pregnant & postpartum women, tracks their symptoms & risk factors, and calls physician when symptoms surpass healthy thresholds

Languages: Filipino, Cebuano

Honors: Dean's List - Hunter College, Best Design - Hack@CEWIT, Best Equality Hack - HackHer413, Best Environmental Sustainability - TechTogether Boston, Best Use of API & Storage Data - Technica, Best Domain - DragonHacks, Grand Prize Winner - Maternal Mortality & Morbidity Code-a-thon, Best Education Hack - ByteHacks

Activities: Scholar - Grace Hopper Celebration, Fellow - Rewriting the Code, Vice President - Open Source Club, Junior Senator - Undergraduate Student Government, Treasurer - Crochet & Knitting Club, Member - Women in Computer Science, Association for Computing Machinery, #BUILTBYGIRLS