

Myla Gutierrez Walker

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EDUCATION

Duke University

Durham, NC

B.S. Computer Science, Minor in Mathematics

Expected May 2022

- **GPA:** 3.7/4.0
- **Honors:** Dean's List Fall 2018
- **Relevant Coursework:** Data Structures & Algorithms, Multivariable Calculus, Microeconomics

Hunter College High School

New York, NY

- **GPA:** 3.8/4.0
- **Honors:** National Merit Scholar, National Hispanic Scholar

TECHNICAL EXPERIENCE

Book Finder

- Developed a web app that allows users to input book suggestions that get stored in a database and search for a book to read
- App generates a list of books matching the search's characteristics, and displays the top matches

WORK EXPERIENCE

Brooklyn Defender Services

Brooklyn, NY

I.T. Intern

May 2019 – August 2019

- Updated both the firm's client directory and catalogue regarding clients eligible for parole using a program that compares lists of current and former inmates
- Imaged over 20 new computers and maintained computer systems to ensure optimal functionality

Gross Lipper Biophotonics Laboratory

Bronx, NY

Research Intern

June – July 2017

- Engineered a chemically-based near-infrared biosensor that monitors protein activity in cells and living animals in order to measure the growth and development of tumors
- Developed a device that could provide a cost-effective alternative to current cancer detection tools
- Co-first author on "Multiplex imaging of Rho GTPase activities in living cells" *Methods in Molecular Biology* (Expected Publication Fall 2019)

Casanova Laboratory

New York, NY

Research Intern

June – July 2016

- Experimentally determined whether volunteers are genetically susceptible to acquiring tuberculosis by performing PCRs to separate and amplify the segment of DNA with the TB-causing mutant
- Discussed future work to begin reducing the onset of TB after vaccination in European countries

EXTRACURRICULAR ACTIVITIES

Scale and Coin Business Society

January 2019 – Present

- Selected as 1 of 18 members out of 100+ applicants to participate in a 6-week long training process
- Pitched stocks and startups, designed a refrigerator for the disabled, and worked on a consulting case

DTech Associate

October 2018 – Present

- Member of Duke's primary program to support women interested in tech
- Participate in workshops about software engineering, front-end development, and product design

SKILLS & INTERESTS

Languages: Proficient in Spanish

Technical Languages: Java, C, JavaScript, HTML, CSS, MIPS

Skills: Research, Communication, Writing, Microsoft Office, Web Development, Leadership

Interests: Baking, Entrepreneurship, Football, Skiing, Music, Fintech, Travel