Nelson Rodriguez

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EDUCATION

Georgia Institute of Technology — Atlanta, GA
Bachelor of Computer Science, Concentrations: Media/Information Networks — *Expected December 2023*
- Relevant Coursework: Data Structures and Algorithms, Design and Analysis of Algorithms, Intro to Database Systems, Object Oriented Programming, Objects and Design, Systems and Networks, Computer Organization and Programming (Assembly), Discrete Mathematics

Georgia State University, Honors College — Atlanta, GA
Bachelor of Computer Science, GPA: 3.8 — *Fall 2019 - Fall 2020*
- Presidents List 2019 - 2020
- Relevant Coursework: Data Structures and Algorithms, Multivariable Calculus

PROJECTS

Sustainable Fashion Mobile App | *React Native, SQL* — January 2022 - Present
- Developing a iOS mobile application pertaining to sustainable fashion
- Utilizing Agile software development methodology, producing product deliverables in sprints
- Integrating SQL database functionality in order to display clothing items to users
- Developing under Tanjuria Willis, founder of Atlanta Sustainable Fashion Week

Personal Website | *JavaScript, HTML/CSS* — June 2021
- Created a static web page utilizing vanilla HTML/CSS and JavaScript,
- Displays custom text animation and contains media links
- Hosting done via GitHub Pages

Tower Defense Game | *JavaFX* — August 2021 - December 2021
- Worked in a team of 5 to develop a tower defense game for Objects and Design class at Georgia Tech
- Programmed user controls and AI functionality using JavaFX

Database Project | *SQL/MySQL* — August 2021 - December 2021
- Created and tabulated a working database as final project using MySQL based on relational schema and given constraints for Introduction to Databases class at Georgia Tech

EXPERIENCE & LEADERSHIP

Target Retail — November 2019 – January 2020
Retail Assistant — *Buford, GA*
- Maintained extensive knowledge of product offerings and positive attitude in order to assist customers with shopping inquiries and finding items around the store
- Fulfilled transactions and served over 60 customers per shift on the store floor
- Worked with store associates in closing and opening times to ensure store organization and smooth operations

Hurricane Maria Volunteer — September 2017 – December 2018
Volunteer — *Mayaguez, PR*
- Served family and surrounding communities following Hurricane Maria
- Provided assistance pertaining to housing/electrical repairs, cleaning, rebuilding

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, JavaScript, C, Assembly, HTML/CSS, SQL
Developer Technologies: Git/GitHub Desktop, Jira
Natural Languages: English, Spanish, basic Japanese
Activities/Hobbies: Digital Art, Running, Japanese Student Association