MICHELLE BAUTISTA

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EDUCATION

New Jersey Institute of Technology   Newark, NJ
Bachelor of Science in Web and Information Systems | GPA: 3.7/4.0   May 2024
- Notable Coursework: Database Design, Management, and Applications, Data Analysis for Information Systems, Web Mining and Information Retrieval

SKILLS

Programming Languages & Frameworks: Python, SQL, HTML5, CSS3, JavaScript, Next.js, Tailwind CSS, React
Software & Platforms: Git, SQL Server, Excel, Access, Tableau, Looker Studio, Snowflake, Node.js, Vercel, Docker

EXPERIENCE

Understood, *Data Analytics Intern***,** New York City, NY   June 2024 – Present
- Analyzing organic social marketing data with SQL and Snowflake to create an interactive high-level overview for the Organic Social team presented as a Looker Dashboard
- Iteratively collecting requirements and feedback from stakeholders to refine and improve the dashboard's functionality and usability

Prudential Financial, *Returning Software Development Intern*, Virtual, NJ   June 2021 – August 2021
- Collaborated with a 9-member Agile team within Global Business and Technology Solutions, focusing on cloud migration and operations, to refine technical documentation for Google Anthos
- Deployed and configured a Google Anthos environment, ensuring seamless integration and efficient operation across hybrid cloud infrastructure

Prudential Financial, *Software Development Intern*, Virtual, NJ   June 2020 – August 2020
- Implemented a SharePoint Communications Hub to centralize business communications and documentation exchange, increasing communication efficiency by 15% and improving information accessibility
- Composed a Vendor Status Report PowerPoint template enhancing performance comparisons and providing a more accurate evaluation of vendor metrics across 4 vendors that reduced meeting time by 33% (30 min est.)

iD Tech, *Instructor*, Little Falls, NJ   June 2019 – August 2019
- Educated 50 students (ages 10-14) on Python and Lua via programming projects
- Promoted to Interim Lead Instructor: revitalized communication, cohesion, and time management between the Camp Director and 5 Instructors

PROJECTS

Email Spam Classification, *Web Mining and Info Retrieval Project*   April 2024 – April 2024
- Designed, trained, and refined machine learning models to classify 5,695 emails as spam or non-spam, achieving precision values of 0.97+
- Cleaned, preprocessed, analyzed, and visualized data using Python, Pandas, Scikit-learn, NLTK, Matplotlib, and Seaborn via Google Colab

Average Social Media Usage, *Data Analysis for IS Project*   March 2024 – March 2024
- Crafted and published an insightful Tableau dashboard that dynamically illustrates trends in social media usage across three countries and multiple age groups

SQL COVID Data Exploration, *Personal Project*   February 2024 – February 2024
- Investigated COVID-19 data collected from OurWorldInData to gather insights and to practice queries, JOINS, CTEs, and temporary tables

LEADERSHIP & ACTIVITIES

Founding President, *Hispanic Association of Computing College Students*   March 2023 – April 2024
- Spearheaded a new student organization on campus to increase support and representation of Hispanic and Latine students in computing majors, increasing membership from 20 to 266+ in 1 year
- Led discussions with various faculty and industry leaders to host 15 workshops and networking events tailored for members per semester