

Yamileth Rodriguez

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EDUCATION

University of Illinois at Urbana-Champaign

May 2022

Bachelor of Science, Statistics

Champaign, IL

- Student Athlete on the Woman's Rowing Team

WORK EXPERIENCE

MKR

Feb. 2022 - August 2022

Technical Consultant Intern

Champaign, IL

- Analyzed existing SQL queries to identify opportunities for improvements, and created optimal technical solutions to meet user needs with in-depth system analysis.
- Liaised with customers and stakeholders to better understand customer needs and maximize client impact.
- Developed complex interactive dashboards and reporting tools to track key performance indicators.

Nucleic Acid Programming Lab - University of Illinois at Urbana-Champaign

Sep. 2021 – May 2022

Data Analyst

Champaign, IL

- Conducted rigorous quantitative analysis to estimate the detection limit of novel designer DNA nanostructure-based COVID-19 sensors using plate-reader data in Python.
- Synthesized technical findings into clear, concise results to deliver weekly presentations to P.I. Xing Wang and his chemistry graduate students using Microsoft Office Suite.

Cognitive Neuroimaging Laboratory - University of Illinois at Urbana-Champaign

Oct. 2021 - May 2022

Research Assistant

Champaign, IL

- Conducted qualitative analysis and summarized results of various cognitive experiment protocols during lab meetings, and prepared participants for fMRI and EEG/ERP recording sessions.

Mil Mujeres

Sep. 2020 - Dec 2020

Legal Intern

Chicago, IL

- Conducted complex legal research to draft and revise a wide range of legal documents for staff attorneys, and translated 300+ legal documents from Spanish to English.
- Managed client database to ensure timely case completion.

PROJECTS

AI Plant-based Mobile App Prototype

Dec. 2022 - Present

- Built a recommendation system using Bash, Python, and AWS to provide users with select plant-based snack recommendations based on user input and historical data for top-selling vegan snacks on Amazon. Currently working on developing an iOS application using Swift and Apple Core ML libraries.

Forecasting House Property Sales

Apr. 2022 - May 2022

- Deployed predictive analytics models to forecast future housing trends using ARIMA models.
- Utilized data visualization techniques to present and explain complex data sets.

SKILLS & INTERESTS

- **Skills:** Python, R, Bash, Git, SQL, HTML, CSS, Bootstrap, PowerBI, Excel, GCP, Databricks, Data Visualization, Machine Learning
- **Interests:** Yoga, Hiking with my Golden Retriever Beni, UI/UX, Sustainability, Matcha Lattes