Gabriel Cabrera

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About me

Data-driven analyst with a passion for the integration of genomics into medicine through utilization of bioinformatics and data analysis. Skilled in python, R-coding, and machine learning, with a strong background in genomics. In my free time, I love to cook for others and being active.

Work Experience

Head of Research and Development, Reiwa Pharmaceuticals

Tokyo, Japan

May 2024 - August 2024

- Experimental Design: Developed comprehensive experimental designs for cutting-edge supplement products, ensuring robust methodology and scientific rigor
- Human Trials: Executed detailed experimental procedures, including multiple phases of human trials, to gather empirical data and validate product efficacy
- Data Analysis: Performed sophisticated data analysis using R programming and advanced Excel functions to derive critical insights and support evidence-based decision making.

Data Analysis Intern, Margin

Montclair, NJ

May 2023–August 2023

- Product Information Management: Facilitated the retention and accuracy of product information for various medical device manufacturers, ensuring consistency and compliance with industry standards.
- Business Acumen: Acquired in-depth knowledge of the business operations within the medical field, alongside a comprehensive understanding of commonly used medical devices and tools.
- Data Analysis: Developed critical analysis spreadsheets handling large datasets using advanced Excel functionalities, contributing to data-driven decision-making processes

Education

Bachelor of Science in Genomic Medicine

Temple University, Philadelphia

Master's of Bioinformatics and Biological Data Analysis

Temple University, Philadelphia

Technical Projects

Micro CT Analysis on Ketogenic Diet Study

Pleshko Bioengineering Lab, Temple Univeristy

August 2022– January 2023 - Analyzed quantitative data on bones using Dragonfly software - Dissected bone necessary to analyze bone morphology - Organized protocol for analyzing data - Worked in a team environment to create publications

Research on Colon Tumors in Colon Cancer

Gamero Biochemistry Lab, Lewis Katz School of Medicine

September 2023– May 2024 - Maintained cell cultures daily - Perform genotyping and Gel Electrophoresis - Finding relationships between genes and gene function

Interests

- Cooking
- Technology
- New York Knicks Basketball
- Biking