

Samuel Fernando Rivera

Chicago, IL | 773-554-4413 | samr@alumni.duke.edu

EDUCATION

Duke University - The Fuqua School of Business

M.S. in Management Studies

GPA: 3.488

Durham, NC

Graduation: May 2024

Duke University

B.S. in Computer Science, Minor in Japanese Literature

GPA: 3.364

Durham, NC

Graduation: May 2023

Relevant Coursework: Data Structures & Algorithms, Computer & Network Architecture, Computer Security, AI, Cyber Policy, Data Science, IOS Mobile Programming, Design & Analysis of Algorithms, Modeling & Decision Analysis, Quantitative Business Analysis, Financial Analysis, Market Research, Management & Organizations, Business Economics, Corporate Finance, Strategy

PROFESSIONAL EXPERIENCE

La Espiga de Oro Bakery

Website Developer Intern

Chicago, IL

March 2024 – May 2024

- Revitalized the bakery's online presence by developing a basic website featuring HTML, CSS, and JavaScript, incorporating information pertinent to the bakery's origin and products
- Enhanced customer engagement by designing a digital platform expected to attract 200 new customers through improved online visibility

Amogy

Student Consultant – Fuqua Client Consulting Practicum (FCCP)

Durham, NC

January 2024 – March 2024

- Created a descriptive framework based on 4 major criteria and 3 subfactors to analyze high potential geographical markets
- Analyzed many different countries to identify second-mover markets with high potential based on created framework
- Selected 3 countries as high potential second-mover markets to increase Amogy's market share for the next 15 years

La Espiga de Oro Bakery

Bakery Worker

Chicago, IL

September 2017 – July 2019

- Managed daily operations including customer service, merchandise procurement, and shelf stocking
- Maintained a clean and safe environment by sanitizing bakery floors, shelves, and equipment
- Streamlined the delivery process, ensuring timely distribution of 500 bread orders weekly

COURSE PROJECTS

Dubr: Duke Student Rideshare App

CS207: Introduction to IOS Mobile Programming

Durham, NC

April 2023

- Collaborated in a team to launch an app promoting sustainability and connection among Duke students
- Leveraged Figma and SwiftUI, implementing a MVVM design to optimize app functionality

Inference and Prediction of the Occurrence of Heart Disease

CS216: Everything Data

Durham, NC

December 2022

- Developed predictive models using logistic regression and random forest to assess heart disease risk from a CDC dataset
- Identified significant predictors that offered actionable insights for enhancing preventive healthcare strategies

Autocomplete

CS201: Data Structures and Algorithms

Durham, NC

October 2020

- Developed an autocomplete algorithm, utilizing Java to simulate modern search engine efficiency
- Employed a binary search algorithm to enhance the autocomplete's responsiveness and accuracy

Cereal Rating Analysis

STA199: Introduction to Data Science

Durham, NC

April 2020

- Analyzed an open-source Kaggle dataset to identify factors contributing to high cereal ratings
- Utilized R to construct a simple model explaining high ratings based on ingredient correlations

LEADERSHIP AND ACTIVITIES

Men's Cross Country and Track Team

Varsity Member

Durham, NC

August 2019 – May 2024

- Fostered a culture of excellence, orchestrating team activities and enhancing communication among athletes and coaches
- Achieved recognition as 2019 ACC Freshman of the Year and All-ACC Academic Team in 2019, 2021, 2022, and 2023
- Balanced 35 hours of rigorous training with academic responsibilities, exemplifying dedication and resilience
- Cultivated skills in work ethic and perseverance, contributing to team's national qualification and personal bests

SKILLS & INTERESTS

Languages: Spanish (Proficient), Japanese (Intermediate)

Technical Skills: Python, Excel, R, SQL, Swift, HTML, CSS, JavaScript, Java, MATLAB

Interests: Self-development, Lifelong learning, Video games, Outdoors, Coffee, Socializing, Corporate culture, Technology, Reading