Samuel F. Rivera

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EDUCATION

Duke University   **Durham, NC**
MS in Management Studies   Graduation: May 2024
GPA: 3.488
B.S. in Computer Science, Minor in Japanese Literature   Graduation: May 2023
GPA: 3.364
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   **Chicago, IL**
Website Developer   *Present*
- Revitalized the bakery's online presence by developing a website featuring HTML, CSS, and JavaScript, incorporating updates on new products and merchandise
- Enhanced customer engagement by designing a digital platform expected to attract 200 new customers through improved online visibility

Amogy   **Durham, NC**
Student Consultant – Fuqua Client Consulting Practicum (FCCP)   *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   **Chicago, IL**
Bakery Worker   *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   **Durham, NC**
CS207: Introduction to IOS Mobile Programming   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

Processor Core Design   **Durham, NC**
CS250: Computer Architecture   March 2021
- Architected a 16-bit MIPS-like, word-addressed RISC architecture, incorporating 16 instructions and 3 types
- Utilized Logisim for a single-cycle implementation using only primitive gates, multiplexers, and D flip-flops

Autocomplete   **Durham, NC**
CS201: Data Structures and Algorithms   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   **Durham, NC**
STA199: Introduction to Data Science   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   **Durham, NC**
Varsity Member   *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, HTML, CSS, JavaScript, Excel, Swift, SQL, Java, R, Kotlin
Interests: Mexican and Japanese culture, Self-development books, Lifelong learning, Video games, Outdoors, Coffee, Socializing