Isaac Mineo

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EDUCATION

Middlebury College **Middlebury, VT**
Candidate for Bachelor of Arts, Neuroscience Major *Expected May 2023*
GPA: 3.64 /4.00; Dean's List, College Scholar (Highest Academic Honor)

Relevant Coursework: Neural Coding, Introduction to Data Science, Data Science in Neuroscience, Data Structures, Computer Architecture, Linear Algebra, Psychological Statistics

Activities: Black Student Union, The Middlebury Campus Online Editor, Senior Class Committee Officer, GlobeMed

RELEVANT EXPERIENCE

Sports Innovation Lab **Boston, MA**
Data Analyst Intern *May 2022 – August 2022*
- Analyzed consumer purchasing data using SQL within a proprietary database used to define fan personas and new communities associated with leagues (e.g. NFL, WNBA, MLB, NHL, etc.)
- Conducted insights research, data analytics, and client support to help with fan acquisition, CRM, and sponsorship strategies
- Assisted with the production of the Sports Betting Report by gathering and analyzing datasets on spending at casinos
- Tested an algorithm that increased the accuracy of our data after cleaning it by 30% and decreased the time to clean it by 50%
- Awarded the honorary Jack Langerman Internship which is given to a Middlebury student who best embodies the qualities for whom the award was named

Johnson & Johnson **La Jolla, CA**
Neuroscience R&D Intern *May 2021 – September 2021*
- Collaborated with an interdisciplinary team to write laboratory procedures and perform experiments on induced pluripotent stem cells (iPSCs)
- Discovered the most efficient method of producing iPSCs by analyzing PCR and immunostaining data using graphing and statistical analysis software
- Prepared and delivered weekly research updates and presentations to the J&J Neuroscience Leadership Team

Vermont Biomedical Research Network **Middlebury, VT**
Biology Data Science Fellow *March 2021 – May 2021*
- Prioritized investigating the seasonal population change and population trajectory of ticks in Vermont by using Python and the pandas package
- Researched contributing factors for the population change of ticks, made deductions and inferences based on findings, and illustrated data trends using Microsoft Excel

OTHER EXPERIENCE

Middlebury College Office of Advancement **Middlebury, VT**
Office of Advancement Program of Parent and Alumni Intern *September 2020 – August 2022*
- Managed a database of over 100,000 parents/alumni of Middlebury College to accurately track engagement in Middlebury sponsored events
- Led initiatives regarding Middlebury sponsored in-person and virtual events for parents/alumni that resulted in a 50% increase in participation from 2020-2021

Middlebury College Computer Science Department **Middlebury, VT**
Computer Science Grader *September 2020 – January 2021*
- Accurately and efficiently graded ~60 assessments per week for a mathematical and logic-based computer science course
- Demonstrated computer science knowledge to provide helpful and clear feedback and tutoring for ~30 students

ADDITIONAL

Skills: Python, R, SQL, Java, SPSS, Trello, Confluence, Snowflake, Tableau, Data Structures, Microsoft Applications (Excel, Word, PowerPoint & Outlook), Adobe Creative Cloud Applications

Interests: Fencing, Piano, Crocheting, Camping, Hiking, Yo-yoing