Rivujoya Hem

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Education

St. Joseph's University | Brooklyn, New York

B.S Computer Science and Mathematics and B.A in Mathematics

GPA: 3.8 | Honors student |Delta Epsilon Sigma | Sigma Iota Chi | Dean's List

Experience

SUMMER UNDERGRADUATE RESEARCH FELLOW

St. Joseph's University May 2023 - August 2023

- Conducted an in-depth analysis of alcohol intake patterns, focusing on daytime versus nighttime variations.
- Utilized statistical techniques and R programming, including data.table, dplyr, and ggplot2 packages, to filter and analyze data, revealing significant patterns in alcohol consumption.
- Awarded a $4,000 scholarship in recognition of exceptional contributions, dedicated to supporting ongoing advancements in the research project contributions to project under the guidance of Mathematics Department Chair

PEER TUTOR FOR MATHEMATICS AND COMPUTER SCIENCE

St. Joseph's University September 2023- Present

- Experienced tutor with a proven track record of success and Skilled at customizing instruction to meet the unique needs of each student. Increased test scores by 75% for 50+ students in math, programming, and statistics classes.

ART ASSISTANT

St. Joseph's University May 2022 - Present

- Assisted in course development, preparing course material, and lecturing. Preparing materials for studio classes, organizing and inventory supplies, clean and repair tools and catalog.

ADMISSION'S WORKER

St. Joseph's University January 2023 - Present

- Streamlined prospective student experience by organizing applications, conducting engaging campus tours and answering inquiries.

Leadership

FOUNDER & PRESIDENT, GIRLS WHO CODE COLLEGE LOOP

St. Joseph's University September 2023 – Present

- Founded the university's first Girls Who Code College Loop, creating a platform for female students in tech to connect with industry professionals, secure internships, and gain mentorship.
- Led coding workshops and outreach initiatives, contributing to a 17% increase in female enrollment in computer science and related fields..

Honors & Awards

PyData Diversity Scholarship | 2023 : Awarded to attend PyData 2023 for free and network with data science leaders.

Grace Hopper Scholarship | 2023: Attended Grace Hopper Celebration 2023 and learned from women leaders in STE

Skills
- Programming Languages:Java, Javascript,Python, R,C,C++, SQL, Swift, Kotlin,

- Software: RStudio, MS Excel, VS Code, Adobe, Blender, Matlab