BRIELLE G. YOUNG

byoung18@syr.edu | brielle-young.github.io/profile/ | in/brielleyoung

EDUCATION

Syracuse University, School of Information Studies | Martin J. Whitman School of Management   May 2027
B.S. in Applied Data Analytics & Business Management   GPA: 4.0
Renee Crown Honors Program; Leadership Scholar**;** Dean's List
Relevant Coursework: Statistics for Management | Information Technologies | Perspectives of Business Management

TECHNICAL SKILLS/CERTIFICATIONS

Certifications: Microsoft Office Excel Sept. 2023
Technical: Python, R, Machine Learning, Data Collection, JavaScript
Applications: MS PowerPoint, MS Word, MS Excel

WORK EXPERIENCE

Undergraduate Research Assistant, Bioacoustics and Behavioral Ecology Lab, Syracuse, NY   Jan 2024-Present

- Analyze data from whale biologging recorders through the use of acoustic and statistical processing software (Raven, MATLAB, etc.).
- Collaborate with PhD and Graduate students in order to understand humpback movements.
- Process whale tags for acoustic movement data.
- Summarize findings and relevant scientific literature.

Undergraduate Program Associate, Women in Science and Engineering (WiSE), Syracuse, NY   Aug 2023-Present

- Assist with data entry for program attendance and evaluation, and maintain contact bases.
- Collaborate with a team of 4 to facilitate implementation and evaluation of events.
- Perform analyses of programming feedback and implementation.

Teaching Assistant, Code Ninjas, Rolling Hills, CA   Oct 2022- Aug 2023

- Taught JavaScript to 100+ students ranging in ages from 7-14.
- Collaborated with a team of 7 to create an inclusive learning environment for the students.
- Fostered STEM Education to groups of 10 students.

PROJECTS

***The Aggregate Project* ([Aggregate: Shop Local (theaggregateproject.info)](theaggregateproject.info))**   Sep 2023-Present
- Developed an application that connects small-scale agriculture and artisans to local consumers.
- Implemented React, TailwindCSS, Prisma, MongoDB, NextAuth, and Stripe/MappingAPIs.
- Collaborated with my co-founder to write a business plan and set deadlines.

A Novel Genetic-Based Machine Learning Tool for Accurate Prescription of Drug Dosage for   Jul 2022-Mar 2023
Patients with Depression
- Developed a machine learning tool with Python, accurately prescribing antidepressants to 92% of patients.
- Presented my work to judges at the district and county level with the help of my school's research mentor.

LEADERSHIP

Artificial Intelligence (AI) Project Manager, NEXIS Student Technology Lab, Syracuse, NY   Jan 2024-Present
- Communicate across 7 project groups and 50 members within the AI team and manage attendance/assignments.
- Lead the Healthcare AI team in building an application to promote physical activity.
- Match students to mentors in order to support all AI team undergraduate students.