

# BRIELLE G. YOUNG

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## EDUCATION

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

## TECHNICAL SKILLS/CERTIFICATIONS

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

## WORK EXPERIENCE

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**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.
- Processed 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.
- Lead the organization towards a centralized digital space for centralized files, data, and records.
- Collaborate with a team of 4 to facilitate planning, 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

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**Aggregate: Shop Local** 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 Patients with Depression** Jul 2022-Mar 2023

- 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

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**Artificial Intelligence (AI) Project Manager**, NEXIS Student Technology Lab, Syracuse, NY Jan 2024-Present

- Communicate across five project groups within the AI team and manage attendance/assignments.
- Lead workshops in AI and machine learning in order to support all AI team undergraduate students.