

**BRIELLE G. YOUNG**  
brielle.young22@gmail.com

## EDUCATION

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**Syracuse University**  
iSchool & Martin J. Whitman School of Management  
B.S. in Applied Data Analytics & Management  
Renee Crown Honors Program; Leadership Scholar

Syracuse, NY, May 2027

**Palos Verdes Peninsula High School**

Rolling Hills, CA, 2019-2023

GPA: 4.66 (W); California State Seal of Biliteracy; Golden State Seal of Merit

## SKILLS

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**Technical:** Python, R, Machine Learning, Data Collection

**Applications:** Microsoft Office Excel Certified (Sep. 2023), PowerPoint, Microsoft Word

## WORK EXPERIENCE

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**Women in Science and Engineering (WiSE)**

Syracuse, NY

**Undergraduate Program Associate**

2023-Present

Assist with data entry for program attendance and evaluation. Maintain contact databases.  
Coordinate support programs including planning, recruitment, implementation, and evaluation.

**Code Ninjas**

Rolling Hills, CA

**Teaching Assistant**

2022-2023

Assist in teaching coding to children ages 7-14. Work with other assistants and team members to create a positive learning environment.

## RESEARCH EXPERIENCE

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**2023 “OpenBook”: A Novel Genetic-Based Machine Learning Tool for Accurate Prescription and Pharmacologic Management of Drug Dosage for Patients with Depression**

Created a machine learning tool in order to improve antidepressant prescription that achieved a 92% accuracy when compared with existing medical personnel prescription outcomes.

- ❖ Achievement in Research Award by the American Psychological Association at the Los Angeles County Science Fair
- ❖ 2nd Place Pharmacology Winner at the Los Angeles County Science and Engineering Fair
- ❖ 1st Place in Translational Medical Science at the Palos Verdes Peninsula Science Fair

**2021 A Novel Deep Learning Approach to Detect Hypertrophic Cardiomyopathy Using Gene Sequencing Image Classification**

USC WiSE Award Winner at the Palos Verdes Peninsula Science and Engineering Fair

## LEADERSHIP

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**PVPHS Link Crew Leader**

2021-2023

Assisted with acclimating freshmen and transfers to high school. Directed a crew of ten new freshmen. Assisted with budgeting of events within the finance and data analytics sector.

**PVPHS Science Research Seminar Leader**

2020-2023

Coordinated seminars through the Science Research program. Advised peers on research projects and coached them on science and engineering fair strategies.