

Bianca Shaya

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EDUCATION

Vassar College, Poughkeepsie, NY Expected Graduation May 2025
Bachelor of Arts in Mathematics;
GPA: 3.89/4.00

Relevant Coursework: Number Theory, Discrete Mathematics, Linear Algebra, Introduction to Statistics, Multivariable Calculus, Calculus II, Microeconomic Theory, Game Theory, Computer Science II, Computer Science I

Academy of the Sacred Heart, Bloomfield Hills, MI Graduation June 2021
High School Diploma
Honors: High Academic Honors (2017-2021), National Honor Society (2020), Johns Hopkins University Book Award (2020), Marie Curie Award for Excellence (2020)

Summer at Brown University, *Remote* June - August 2020
Course in Computational Physics

PROFESSIONAL EXPERIENCE

Camp Counselor, Summer at the Sacred Heart, Bloomfield Hills, MI June 2021 - August 2022

- Main counselor for group of 10-12 children of age 4
- Led groups of children safely through variety of camp activities
- Collaborated with other camp counselors to design fun and enriching learning activities for campers
- Planned and helped organize and prepare daily activities and crafts for the children

LEADERSHIP, EXTRACURRICULAR ACTIVITIES

Member, Association for Women in Mathematics, Poughkeepsie, NY August 2021 - Present

- Organize various dinners, movie screenings, lectures, and other events to learn more about mathematics and to advocate for further female representation and participation in the field

Member, Vassar Haiti Project Education Committee, Poughkeepsie, NY August 2021 - Present

- Work to fundraise for a Haitian school through art sales and other events
- Create pen-pal program between Vassar and Haitian students
- Establish sustainable initiatives in partnership with the village of Chermaitre and hundreds of artists

Member, Gender Inclusivity in STEM, Poughkeepsie, NY August 2021 - Present

- Foster a space for discussion, community, and support for women and non-binary individuals in STEM pursuing further education & careers
- Support one another's struggles of being in a male-dominated field and provide advice to other members
- Coordinate lectures and events to learn about/discuss women and non-binary individuals in STEM
- Participate in a big/little sibling program where I can talk to and get advice from a woman senior math major

Vice President and Co-Secretary/Treasurer, Student Class Leadership, Bloomfield Hills, MI June 2020 - June 2021

- Served as liaison between students and administration regarding student concerns and school-wide events/projects
- Proposed and planned events for my senior class; led monthly class meetings

Volunteer, Hispanic Outreach Center, Pontiac, MI September 2017 - June 2021

- Volunteered on a weekly basis; taught conversational English to adults
- Assisted in the care and teaching of children, organized resources, and formed deep bonds
- Helped to implement a remote tutoring and reading program for children at the center with volunteers from my high school

Team Captain, Sacred Heart Varsity Golf Team, Bloomfield Hills, MI September 2017 - June 2021

- Organized, instructed, and motivated team; planned events
- Awarded 6th place Catholic League Golf Championship in 2018; Awarded All League in the Catholic League Golf Tournament 2018

SKILLS

Certifications: CPR/First Aid/AED
Computer: Java, Python, R
Language: Spanish (intermediate)