

Sarah Rittgers
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Education:

University of Pennsylvania

Philadelphia, PA

- **Bachelor of Applied Science**, Computer Science, September 2017 - May 2019
- **Cumulative/Major GPA:** 3.68/4.0
- **Current Courses:** Intro to Algorithms, Software Engineering, Linear Algebra, Probability, Market and Social Systems on the Internet
- **Relevant Courses:** Intro to Machine Learning, Networks and Security, Linear Algebra & Differential Equations, Automata, Computability & Complexity

Middlebury College

Middlebury, VT

- **Bachelor of Arts Candidate**, Computer Science, September 2015 – May 2017
- **GPA:** 3.94/4.0
- **Honors:** Honorable Mention for the Paul W. Ward '25 Memorial Writing Prize, College Scholar (highest academic honor) four semesters
- **Relevant Courses:** Data Structures, Discrete Math, Computing for the Sciences, Multivariable Calculus

Work Experience:

Mathnasium

Livingston, NJ

Computer Science Intern (May 2016 - Present)

- Work on a team to develop several applications to keep track of attendance in centers and create staff weekly schedule. Continue summer work through school year.
- Develop in Delphi using Rad Studio to successfully implement Drag & Drop, the MVVM pattern, and use of the Google Calendar API.

The Tutoring Center

Philadelphia, PA

Tutor (January 2017 – Present)

- Collaborate one-on-one with students struggling in MATH 240 (Linear Algebra & Differential Equations) to improve problem-solving skills and master course concepts

Penn Engineering Research and Academic Services

Philadelphia, PA

Receptionist

- Serve as a friendly face for those seeking guidance. Answer phones and direct visitors to correct locations.
- Collaborate on small projects, such as data entry, when assigned

Activities and Volunteering:

Alpha Phi Omega, Delta Zeta Chapter

Philadelphia, PA

Member (September 2017 – Present)

- Serve as part of a national service fraternity, completing over 20 hours of service every semester
- Strive to exemplify leadership, service, and friendship both within the fraternity and in the greater community
- Participate as member on Technology Committee and Treasurer Committee

Moelis Access Science

Philadelphia, PA

Computer Science Fellow (September 2017 – Present)

- Volunteer weekly in west Philadelphia high schools to teach students basic python programming skills using Repl
- Encourage interest in technology fields for underserved youths

United Way of Addison County

Middlebury, VT

FAST Tax Assistant (January 2016 – May 2017)

- Talk one-on-one with low to middle income households about the filing process
- Offer guidance and support as households filled out tax forms and encouraged them to take control of their finances

Skills:

- **Proficient Languages:** Delphi, Java, Python; **Familiar Languages:** HTML, CSS
- **Technology:** Microsoft Word, Microsoft PowerPoint
- **Personal Website:** www.sarahrittgers.com