Rachel Gayle Markowitz

345 E. 86th St. New York, NY 10028 | 917-355-4314 | rmarko@sas.upenn.edu | rachelmarkowitz.com | github.com/rgmarkowitz

EDUCATION

The University of Pennsylvania **Philadelphia, PA**
Bachelor of Arts in Philosophy, Politics, and Economics (PPE); Computer Science, Cognitive Science minors *Expected May 2022*
- **Cumulative GPA:** 3.66
- **Honors:** Dean's List 2018-2019
- **Relevant Coursework:** Programming Languages & Techniques I (Java, OCaml), Mathematical Foundations of Computer Science, Data Structures & Algorithms (Java), Python Programming, Data Visualization (Python)

Bronx High School of Science **Bronx, NY**
High School Diploma *June 2018*
- **Cumulative GPA:** 96.1/100 | ACT: 35/36 | Math SAT II: 750/800 | US History SAT II: 750/800
- **Research:** Analyzed NASA-funded project examining mechanisms for raising STEM engagement in rural areas

WORK EXPERIENCE

Penn Engineering Department of Computer Science **Philadelphia, PA**
CIS 110: Introduction to Computer Programming Teaching Assistant *August 2019 – Present*
- Lead weekly recitations of 20 students, reinforcing conceptual understanding of computer science fundamentals
- Work closely with students to debug code, providing clear and concise feedback
- Grade weekly Java homework assignments and exams

Girls Who Code **Remote**
Summer Immersion Program Teaching Assistant *June 2020 – August 2020*
- Taught fundamentals of web development in HTML, CSS, and JavaScript to 35 high school students
- Led daily stand up and wrap up meetings, and facilitated sisterhood activities to create a welcoming and inclusive community
- Engaged students in virtual learning through creative dialogue and activities

CoBARE **Philadelphia, PA**
Social Media Specialist *Jan 2019 – June 2019*
- Led online campaigns across Instagram and Facebook to drive greater brand awareness and reach audience targets
- Developed social media A/B testing strategy for sustainable feminine care start-up
- Supported team in the brand development process through market research and discussion with the founder

Camps Kenwood & Evergreen **Wilmot, NH**
Camp Counselor *Summers 2017 – 2019*
- Taught unit of 20 children 21st Century Skills such as communication, collaboration, leadership, creativity, critical thinking, problem-solving, work ethic and responsibility through traditional summer camp and team-building activities for three summers

Figure Skating in Harlem. **New York, NY**
Assistant Teacher/Figure Skating Instructor *June 2016 – Aug 2016*
- Provided skating group instruction along with academic help in reading, math, and science for 15 underprivileged girls.

LEADERSHIP & ACTIVITIES

Jewish Heritage Programs **Philadelphia, PA**
Vice President, Content & Board Member *Sept 2018 – Present*
- Plan and lead campus-wide community event for 2,000 Penn students
- Help execute mentoring, social, and community service events for 150 member club

34th Street Magazine **Philadelphia, PA**
Audience Engagement Associate *Jan 2019 – May 2020*
- Developed social media copy for Facebook and Twitter to drive online audience engagement
- Developed and grew reach of weekly newsletter, *The Toast,* with current week's best articles
- Analyzed website data using Google Analytics, studying reach and click rates, and used insight to grow user viewership by 20%

Congregation Rodeph Sholom **New York, NY**
Youth Group President, Fundraising Vice President & Board Member *2014 – 2018*
- Elected to work with staff and students to create programs for 3,000 member congregation
- Organized annual fundraising event, Beit Cafe with over 100 attendees

TECHNICAL PROJECTS

rachelmarkowitz.com
- Personal website designed from scratch using HTML5, CSS3, and JavaScript. Hosted on GitHub Pages.

SKILLS & INTERESTS

- **Programming Languages/Technologies:** Java, HTML, CSS, Python, JavaScript, OCaml
- **Other:** Google Analytics, Photoshop, SPSS, Spanish
- **Interests:** Figure skating, running, fantasy football, journalism