

# Rachel Gayle Markowitz

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## EDUCATION

### The University of Pennsylvania

*Bachelor of Arts in Philosophy, Politics, and Economics (PPE); Computer Science, Cognitive Science minors*

**Philadelphia, PA**

*Expected May 2022*

- **Cumulative GPA:** 3.62
- **Honors:** Dean's List 2018-2019
- **Relevant Coursework:** Programming Languages & Techniques I (Java, OCaml), Mathematical Foundations of Computer Science

### Bronx High School of Science

*High School Diploma*

**Bronx, NY**

*June 2018*

- **Cumulative GPA:** 96.1/100 | ACT: 35/36 | Math SAT II: 750/800 | US History SAT II: 750/800
- **Honors:** AP Scholar with Honors, ArtConnection Photography Finalist, Varsity Cross Country Captain
- **Research:** Analyzed NASA-funded project examining mechanisms for raising STEM engagement in rural areas

## WORK EXPERIENCE

### Penn Engineering Department of Computer Science

*CIS 110: Introduction to Computer Programming Teaching Assistant*

**Philadelphia, PA**

*August 2019 – Present*

- Lead weekly recitations and office hours, reinforcing conceptual understanding of computer science fundamentals
- Grade weekly Java homework assignments and exams

### CoBARE

*Social Media Specialist*

**Philadelphia, PA**

*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

*Camp Counselor*

**Wilmot, NH**

*Summers 2017 – 2019*

- Taught unit of 20 children 21<sup>st</sup> Century Skills such as communication, collaboration, leadership, creativity, critical thinking, problem-solving, work ethic and responsibility through traditional summer camp and team-building activities
- Oversaw bunk of 5-7 girls, personally responsible for their safety and well being for three summers

### Private Tutor

*Spanish Tutor*

**New York, NY**

*Jan 2018 – June 2018*

- Tutored middle school level Spanish weekly, focusing on grammar and vocabulary resulting in an overall grade boost

### Figure Skating in Harlem.

*Assistant Teacher/Figure Skating Instructor*

**New York, NY**

*June 2016 – Aug 2016*

- Provided skating group instruction along with academic help in reading, math, and science for 15 underprivileged girls.

## LEADERSHIP & ACTIVITIES

### 34<sup>th</sup> Street Magazine

*Audience Engagement Associate*

**Philadelphia, PA**

*Jan 2018 – Present*

- 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 social media and website data, studying reach and click rates, and used insight to grow user viewership by 20%

### Jewish Heritage Programs

*Vice President of Jewish Content*

**Philadelphia, PA**

*Sept 2018 – Present*

- Participated in weekly programs to learn about professional career options and the experiences of women in the workplace
- Volunteered for monthly Mitzvah Week activities, including making and donating food for homeless shelters

### Penn Figure Skating

*Figure Skater*

**Philadelphia, PA**

*Sept 2018 – Present*

- Spend 5 hours a week training for student-led performances and competitions

### Congregation Rodeph Sholom

*Youth Group President, Fundraising Vice President & Board Member*

**New York, NY**

*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
- Developed new social events to increase membership attendance and participation

### Skating Club of New York

*Competitive Figure Skater*

**New York, NY**

*2012 – 2018*

- Achieved US Figure Skating Association levels: Intermediate Moves in the Field, Pre-Juvenile Free Skate

## SKILLS & INTERESTS

- **Skills:** Proficient in Java; Working knowledge of OCaml, Photoshop, SPSS, Spanish; Learning Python
- **Interests:** Figure skating, running, fantasy football, journalism