

# Helen Jin

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## TECHNICAL SKILLS

Microsoft Office  
G Suite  
Racket  
NetLogo  
HTML  
CSS  
Javascript  
Python  
Java  
R  
LaTeX  
Git

## LANGUAGES

English *native*  
Korean *intermediate*  
Mandarin Chinese *intermediate*  
Spanish *basic*  
Latin *basic*  
Japanese *elementary*

## INTERESTS

Mathematics  
CS  
Biology  
Psychology  
Neuroscience  
Technology  
Literature  
Visual Arts  
Music  
Dance  
Swimming  
Yoga  
Hiking

## EDUCATION

**COLUMBIA UNIVERSITY** New York, NY

Expected: May 2020

### BA Candidate in Computer Science and Mathematics

Cumulative GPA: 3.77 / 4.00

- **Honors/Awards:** Dean's List – Fall 2016, Spring 2017, Fall 2017
- **Relevant Coursework:** Data Structures in Java, Programming Lang (Python), Discrete Math, CS Theory, Linear Algebra, Modern Algebra I, Calculus-Based Intro to Statistics, Probability Theory
- **TA** for Calculus I (Fall 2017), Calculus IV (Spring 2018) | **Grader** for Calculus-Based Intro to Statistics (Fall 2017)

**STUYVESANT HIGH SCHOOL** New York, NY

Sep 2016 - Jun 2020

### Advanced Regents Diploma

GPA: 4.0 / 4.0

- **Honors/Awards:** AP National Scholar, AP Scholar with Honor, National Merit Finalist, National Latin Society
- **Activities:** Girls' Varsity Swimming, Stuyvesant Spectator, ARISTA Honor Society, Math Team, CS Dojo and Writing Center Volunteer, Lifeguard

## SELECTED PROFESSIONAL EXPERIENCE

**PE'ER LAB** Memorial Sloan Kettering Cancer Center

May 2017 - Present

### Undergraduate Researcher

- Performed research and developed computational methods/packages to analyze single cell data, primarily using Python and R
- Attended weekly lab meetings and other presentations by invited researchers, professors, industry professionals, especially about novel machine learning methods and cancer research

**FINANCE OFFICE** GSAPP, Columbia University

Feb 2017 - Nov 2017

### Administrative Assistant

- Tasks included: data entry; creating Excel spreadsheets and Word documents for office projects; keeping various paper files up to date; scanning and uploading invoices, purchase orders, and other supporting material; shredding confidential documents; organizing paychecks; creating folders for new hires

## SELECTED LEADERSHIP EXPERIENCE

**GIRLS WHO CODE** Columbia University

Feb 2017 - Present

### Vice President of External Affairs, *previously Finance and Sponsors Committee*

- Organized high school outreach and recruitment each semester
- Planned on-site visits, created fundraisers, and reached out to companies and local businesses for sponsorship

**SMART WOMAN SECURITIES** Columbia University

Sep 2017 - Present

### Senior Research Analyst

- Led a team of SWS Analysts within the Consumer industry
- Conducted background research, analyzed and formulated investment opinions on companies in the specific industry to make real-life investment recommendations

**ONE-TO-ONE TUTORING** Community Impact, Columbia University

Feb 2017 - Present

### Treasury Coordinator, Tutor

- Allocated annual \$2,000 budget to various on-campus events from weekly meetings to fundraisers
- Supervised and oversaw volunteers during tutoring sessions each semester to ensure attendance
- Worked with other coordinators and Community Impact staff to discuss issues and implement solutions to improve program
- Tutored and mentored 6-12 year old individual every weekend