

Helen Jin

560 Riverside Drive, Apt. 15J, New York, NY 10027 • hj2368@columbia.edu • 646-643-1348

EDUCATION

Columbia College, Columbia University in the City of New York, New York, NY

Expected: May 2020

Major: Bachelor of Arts – Computer Science, Mathematics

Cumulative GPA: 3.70 / 4.00

- **Honors/Awards:** Dean's List – Fall 2016, Spring 2017

- **Relevant Coursework:** Data Structures in Java, Programming Languages: Python, Introduction to Discrete Mathematics, Linear Algebra, Calculus IV, Calculus III, Introduction to Calculus-Based Statistics

Stuyvesant High School, New York, NY

September 2012 – June 2016

Advanced Regents Diploma

Cumulative GPA: 4.00 / 4.00

- **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

PROFESSIONAL EXPERIENCE

Pe'er Lab, Computational and Systems Biology, Memorial Sloan Kettering Cancer Center, New York, NY

May 2017 – Present

Undergraduate Researcher

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

Department of Mathematics, Columbia University, New York, NY

September 2017 – Present

Teaching Assistant, for Calculus I

- Hold weekly office hours in help room, grade homework, answer emails and communicate with students and instructor

Department of Statistics, Columbia University, New York, NY

September 2017 – Present

Grader, for Introduction to Calculus-Based Statistics

- Grade homework, answer emails and communicate with students and instructor

Finance Office, Graduate School of Architecture, Preservation, and Planning (GSAPP), New York, NY

January 2017 – November 2017

Administrative Assistant

- Tasks include: 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, casual employees and TA's

LEADERSHIP & AFFILIATIONS

Girls Who Code (GWC), Columbia Chapter, New York, NY

February 2017 – Present

Sponsors and Finance Team Member

- Work with team to brainstorm and execute fundraisers
- Plan on-site visits to various top-level companies, including AppNexus and Goldman Sachs
- Reach out to companies, local businesses, and individuals to donate to and sponsor GWC@CU

Smart Woman Securities (SWS), Columbia Chapter, New York, NY

September 2017 – Present

Member

- Take part of SWS Seminar Series, an intensive ten-week program through the fall semester, where students gain knowledge about the markets, develop analytical and research skills, and learn about the SWS investing principles
- Attend weekly 1½ hour seminars comprised of lectures, simulations, and other programming taught by invited professors, experts in the field, industry professionals, or SWS Mentors
- Research and formulate investment opinions for a variety of companies

One-to-One Tutoring, Community Impact, New York, NY

October 2016 – Present

Treasury Coordinator, Tutor

- Allocate annual \$2,000 budget to various on-campus events from weekly meetings to fundraisers
- Supervise and oversee volunteers during tutoring sessions each semester to ensure attendance
- Work with other coordinators and Community Impact staff to discuss issues and implement solutions to improve program
- Tutor and mentor 6-12 year old individual, help with homework and other academically related material

Other Affiliations: Symposium Marketing Team *Member*, Columbia Science Review *Illustrator*, Columbia Table Tennis Club *Secretary*, Women in Computer Science (WiCS) *Member*, Application Development Initiative (ADI) *Member*, Columbia Data Science Society (CDSS) *Member*, Artist Society *Member*

SKILLS & INTERESTS

Foreign Languages: Mandarin Chinese (Intermediate), Korean (Intermediate), Spanish (Basic), Japanese (Elementary), Latin (Basic)

Computer: Proficient in Microsoft Applications (Excel, Word, PowerPoint), Google Applications (Gmail, Drive, etc.), Java, Python, R, HTML

Interests: Biology, Computer Science, Literature, Mathematics, Music, Neuroscience, Psychology, Technology, Visual Arts, Volunteering, Yoga