

# Andrew Park

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## EDUCATION

### COLUMBIA UNIVERSITY

Expected May 2024

B.A. Computer Science-Mathematics, Concentration in Economics

GPA: 3.85, Dean's List

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## EXPERIENCES

### COLUMBIA UNIVERSITY HISTORY DEPARTMENT

Oct. 2021–Present

*Research Assistant*

- Assist Professor Matthew Connelly with a project by the History Lab cataloging government-released COVID documents and making them easily accessible through the Freedom of Information Archive (FOIArchive) database
- Extract text from PDF files and employ Named-entity recognition and Named-entity linking to dig up metadata and categorize documents from the Documenting COVID-19 project

### COLUMBIA UNIVERSITY MATH DEPARTMENT

Sep. 2021–Present

*Undergraduate Teaching Assistant*

- Dedicate over two hours every week answering questions and explaining concepts for College Algebra, Calculus I, II, and III students in help room sessions
- Grade homework assignments from two Calculus III sections (~200 students)
- Answer emails and communicate with students and teachers regarding questions and logistics of the class

### COLUMBIA DAILY SPECTATOR

Sep. 2020–Present

*Graphics Editor*

- Produce data-driven and illustrative visuals in collaboration with journalists, including food gentrification and the gender-based disparity in athletics funding
- Led data analysis for article on NYPD officers charged with misconduct; awarded finalist in the Society of Professional Journalists Mark of Excellence In-Depth Reporting (Large) category in April 2021
- Use Python and R to manipulate datasets in order to extrapolate relevant and insightful conclusions that contribute to the reporting
- Utilize Adobe Illustrator, HTML, and Javascript to create coherent and dynamic visualizations, keeping in mind the clarity and articulateness of the graphics

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## SKILLS

### Programming

- Java, Python (pandas, Jupyter Notebook), R, Javascript (d3), RegEx, HTML, CSS, SQL, ai2html

### Other Software

- Adobe Illustrator, Microsoft Office Suite, Git, Qualtrics

### Languages

- English (Fluent), Korean (Native)

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## RELEVANT COURSEWORK

- Data Structures and Algorithms
- Intermediate Microeconomics
- Probability Theory
- Calculus IV
- Calculus III
- Symbolic Logic