Andrew Park

New York, NY • (714) 869-5607 • ajp2259@columbia.edu • apark2020.github.io

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EDUCATION

COLUMBIA UNIVERSITY   Expected May 2024

B.A. Computer Science-Mathematics, Concentration in Economics
GPA: 3.8, Dean's List

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   Dec. 2021–Present
Graphics Reporter   Sep. 2020–Dec. 2021

- 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, Mapbox, Microsoft Office Suite, Git, Qualtrics

Languages
- English (Fluent), Korean (Native)

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Intermediate Macro/Microeconomics
- Probability Theory
- Multivariable Calculus
- Linear Algebra
- Statistical Inference