

Jason Kao

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Education

Columbia University, New York, NY

Expected May 2022

Pursuing B.S. in Computer Science with Minors in Statistics and Political Science

Relevant Coursework: Advanced Programming (C), Data Structures (Java), Data: Past, Present, and Future, Discrete Math

Extracurriculars and Societies: The Columbia Daily Spectator, C.P. Davis Scholars Program

Stuyvesant High School, New York, NY

June 2018

SAT: 1540/1600 (W: 22/24), ACT: 35/36

Relevant Coursework: Multivariate Calculus, AP Computer Science, AP Statistics, AP US Government & Politics

Extracurriculars: [Web Editor] The Stuyvesant Spectator, [Director of Design] StuyHacks

Work Experience

The Columbia Daily Spectator, New York, NY

Sep 2018 - Present

Data Journalist

- Conceptualize and create intuitive visual stories for the Columbia community.
- Conceive, design, and develop interactive graphics with self-collected, self-sanitized data.
- Design and engineer data visualizations with Python, Illustrator, and D3.

Tapp Studios, Remote

May 2018 - Aug 2018

Software Engineer (Contract)

- Designed and delivered V1 of personal investment app in React Native.
- Created a multi-segmented property management platform with React Native, Firebase, and Stripe.

IMMINENT, New York, NY

Jan 2017 - Mar 2017

Software Engineering Intern

- Expedited a UI revamp of employee volunteer and donation campaigns, accelerating V1 release by 2 weeks.
- Implemented a messaging interface in the MEAN employee engagement platform.

Projects

The Brass Tacks (<https://brtacks.com>)

May 2018 - Present

Founder & CEO

- Launched joint online magazine and statistics-based apparel startup to inform sociopolitical culture.
- Write and edit The Brass Tacks magazine, which debates cultural ideas with visual essays.
- Secured \$1000 in capital for apparel line after placing 2nd in i.Invest National Youth Business Competition.

The Stuyvesant Spectator (<https://git.io/vFWCw>)

Mar 2017 - Mar 2018

Web Editor

- Spearheaded creation of React website, Rails/GraphQL server, and Go uploader, managing 10 people over 3 teams.
- Led recruitment efforts, meetings, and training workshops that increased the department's staff by 60% in 2017.
- Engineered a tool to automatically format and upload nearly 40 articles biweekly, reaching 3,000 monthly readers.

Skills

Languages: JavaScript (ES8), Python, Java, Go, SQL, R, Ruby, CSS (SCSS), HTML

Libraries & Frameworks: React, Node, D3, GraphQL, Rails, MongoDB

Tools & Technologies: AWS, Jupyter, Illustrator, QGIS, Google Cloud Platform, Sketch, Gulp, Webpack

Honors

- **1st Place**, Two Sigma High School Data Science Competition (2017)
- **Google's Best ML Hack**, MHacks X (2017)
- **Top 3**, HackNYU (2017)
- **2nd Place**, I.invest Startup Competition (2017)
- **Honorable Mention**, PennApps (2018)
- **C2's Best Hack for Air Traffic**, MHacks 9 (2017)
- **Finalist**, National Merit Scholarship (2017)