

# Jason Kao

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## Education

**Columbia University**, New York, NY

Expected May 2022

Pursuing B.S. in Computer Science with a Minor in Statistics

Cumulative GPA: 4.10 / 4.33; Major GPA: 4.33 / 4.33

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

**Stuyvesant High School**, New York, NY

June 2018

SAT: 1540 / 1600, ACT: 35 / 36

Relevant Coursework: AP Computer Science, AP Statistics

Extracurriculars: The Stuyvesant Spectator, StuyHacks (school hackathon)

## Work Experience

**The Columbia Daily Spectator**, New York, NY

Sep 2018 - Present

Graphics Deputy Editor

- Conduct data-driven investigative reporting for the Columbia community.
- Conceptualize, assign, and edit graphics for The Eye Magazine, managing three visual journalists.
- Design interactives and data visualizations with React, D3, Python, and Illustrator.

**Tapp Studios**, Remote

May 2018 - Aug 2018

Software Engineer (Contract)

- Designed and delivered the V1 for a 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.

## Selected Projects

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

May 2018 - Present

Founding Editor

- Created online magazine and apparel line to discuss cultural patterns with visuals and data.
- Secured \$1000 in capital for apparel after placing 2nd in i.Invest National Youth Business Competition.

**The Stuyvesant Spectator** (<https://github.io/stuyspec>)

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 (ES9), Python, Java, C, Go, SQL, R, CSS (SCSS), HTML

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

**Tools & Technologies:** AWS, GCP, Jupyter, Illustrator, Mapbox, QGIS, Sketch, 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)