

# Jason Kao

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## Education

Stuyvesant High School, New York, NY

Graduating June 2018

High School Diploma. GPA: 94/100 (latest semester: 96.5)

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

Relevant Coursework: Multivariate Calculus, AP Computer Science, AP Calculus BC, Data Structures and Algorithms, AP Physics C, AP Statistics

Extracurriculars: [Editor] The Stuyvesant Spectator Web Department, [President] StuyLAUNCH - Entrepreneurship Club, [Director] StuyHacks

Will be pursuing a B.S. in Computer Science at time of employment

Will enroll June 2018 - June 2022

## Work Experience

Viafly, Remote

Jul 2017 - Sep 2017

Software Engineer Summer Intern

- Led overhaul of React on Rails interface for optimized data flow and dynamic store displays on Google Maps
- Implemented major refactor of the Viafly codebase to EcmaScript 8 and Redux

Imminent Digital, New York, NY

Jan 2017 - March 2017

Software Developer (Freelance)

- Developed volunteer and funding campaign functionality for Angular social networking platform
- Reworked messaging interface on MEAN stack for March V1 release

Story2, New York, NY

Mar 2016 - Sep 2016

Software Developer Intern

- Implemented user dashboard and onboarding functionality essay writing platform
- Integrated HighchartsJS front-end for teacher dashboard with .NET framework

## Projects

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

Jun 2017 - Present

Project Manager spearheading the design, development, tests, and presentations of Spectator's software products.

We currently have eight developers, two designers, and six active projects (including a CMS and client-facing app).

Gerry App (<https://git.io/vFWWP>)

Jan 2018

PennApps 2018W Honorable Mention

Data visualization and interactive simulation of the congressional redistricting process that places 435 mesh-simplified district shapefiles over electoral data of individual counties.

Alfred Prufrock Editor (<https://git.io/vFWW3>)

Sep 2017

MHacks X Best Google Cloud Machine Learning API Hack

Augments the free-writing process in creativity and speed. In real-time, the editor semantically analyzes writing and builds a data visualization (tree) using morphology and syntax analysis.

## Skills

Languages: Python, Java, JavaScript (ES8), C++, C, C#, Ruby, SQL (PostgreSQL, MySQL), Lisp

Libraries & Frameworks: React & Redux, Rails, Apollo, GraphQL, pandas, Node, MongoDB, AWS, Google Cloud Platform

Tools & Technologies: Git, Docker, Unity3D, Sketch, Illustrator, UNIX, Microsoft Office

## 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)
- Semifinalist, National Merit Scholarship (2017)
- C2's Best Hack for Air Traffic, MHacks 9 (2017)