

# Jason Kao

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## Education

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

**Graduating June 2018**

High School Diploma. GPA: 94/100 (Junior year: 96.5)

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

*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, [Founder & 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*

- Expanded React on Rails interface to show dynamic Google Maps displays of stores in shopping cart
- Implemented major refactor of the Viafly codebase to EcmaScript 8 and Redux

**Story2**, New York, NY

**Mar 2016 - Sep 2016**

*Front-end Developer*

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

**Code Leaders**, New York, NY

**Nov 2015 - Feb 2016**

*Curriculum Engineer*

- Created Python curriculum for the nonprofit Everybody Code Now!.
- Wrote instructional material, from basic PowerPoints to labs and helper code.

## Projects

**The Stuyvesant Spectator**

**Jun 2017 - Present**

Project Manager spearheading the development of a ReactJS client-facing application and content management system and a Rails RESTful API. Overlooking six developers and two designers, I lead the design, development, and tests of each of these applications as well as present pre-release versions to the managing board.

**Alfred Prufrock Editor**

**Sep 2017**

*MHacks X Best Google Cloud Machine Learning API Hack*

A web application, built on Node.js and Express, with Jade, D3, and GCP's NLP API to augment free-writing. Constructs, real-time, a tree that holds dependent nouns as nodes and recursively creates edges using morphology and syntax analysis. Won Best Google Cloud Machine Learning API Hack.

**CitiDots**

**Nov 2016**

Data visualization project to mass-visualize the movement of bikes from NYC's Citi Bikes. Used heatmaps and analysis to predict the path of each bike and simulate movement across a map.

## Skills

**Languages:** Java, Python, JavaScript (ES8), Ruby, PostgreSQL, Lisp, C#

**Libraries and Frameworks:** ReactJS (Redux), NodeJS, AngularJS, Google Cloud Platform, AWS, Flask, pandas, Rails

**Tools & Technologies:** Emacs, WebStorm, Git, PyCharm, RubyMine, Unity3D, Sketch, Illustrator, UNIX, Microsoft Office

## Honors

- Best Google Cloud ML API Hack**, MHacks X (2017)
- Social Impact Top Three**, HackNYU (2017)
- Best Hack for Air Traffic Control**, MHacks 9 (2017)
- 2nd Place**, I.invest Startup Competition, (2017)
- Semifinalist**, National Merit Scholarship (2017)
- Certificate of Honor**, American Red Cross (2016)