




# Tyler Jiang

 tylerjiang.me  
 tyler\_jiang@brown.edu  
 /in/tyler-jiang

## EDUCATION

### Brown University

B.Sc. in Computer Science  
Expected Grad. May 2021  
GPA: 4.0 / 4.0

### Nashua High School North

Sept. 2013 - June 2017  
Graduated salutatorian  
(2 out of ~450 people)

## COURSEWORK

Intro to Software Engineering  
Intro to Computer Systems\*  
Intro to Discrete Structures and Probability  
Accelerated Intro to CS  
Honors Statistical Inference I\*  
Linear Algebra\*  
Honors Multivariable Calculus  
\* in progress

## SKILLS

### Languages:

Java, JavaScript, Python, C,  
HTML, CSS, SASS, TypeScript

### Frameworks/Libraries:

Angular, jQuery, Django,  
React, Spring Boot, Vue.js

### Databases:

PostgreSQL, SQLite

### Platforms:

AWS, Heroku

### Tools:

Jira, Git, BitBucket, Confluence

### Methodologies:

Agile

## LANGUAGES

English, Chinese

## EXPERIENCE

### Fidelity Investments

Software Engineering Intern

May - August 2018

(received return offer)

- Rebuilt the front-end of an internal tool used by ~4,000 representatives (~20,000 registered)
- Worked on a full stack data retrieval web app for the team's fine-grained authorization database
  - Sped up a task that checks application statuses by ~120x by moving it to Spring Boot and implementing threads
- Tools: Angular 6, TypeScript, SASS, Java, Spring Boot, Vue.js

### Brown Political Review - Data Board

Jan 2018 – Present

Lead Platform Developer

- Led a team of three to build & deploy a web platform for student-written articles and interactive data visualizations
- Created an article management system w/ Django & PostgreSQL, designed the UI, and deployed w/ AWS
- Tools: Django, Python, PostgreSQL, AWS, HTML, CSS, D3.js

## PROJECTS

### Elephluent

 HTML, SASS, jQuery, Java, MongoDB

Front-end lead for a team of four, launched a web app that teaches children languages w/ interactive, speaking/listening games.

Designed a UI for kids focused on sight and sound and built a generalized system for displaying lesson and progress data.

### Google Calendar Automator

 Python

MAHacks 2017 Prize Winner

Created a tool that can find a schedule on a web page and upload each event to Google Calendar.

### Maps

 HTML, CSS, jQuery, Java, SQLite

Built an interactive Google Maps clone w/ a partner.

Implemented a k-d tree w/ caching to search for locations near a coordinate, along with map/route rendering on the front-end.

## AWARDS

American Computer Science League All-Star Finalist

American Regional Mathematics League Team High Scorer

National Merit Finalist, National AP Scholar (5/5 on 10 exams)

Scholarships: Mathsis Math Achievement Award, Charles E. Austin Scholarship, Ralph and Alice Burns Scholarship