

Tyler Jiang

tyler_jiang@brown.edu • <https://tylerjiang.me/>

EDUCATION	Brown University	Expected Graduation May 2021
	<ul style="list-style-type: none">▪ B.Sc. in Computer Science<ul style="list-style-type: none">• GPA: 4.0 / 4.0• Relevant Courses: Intro to Software Engineering, Intro to Discrete Structures and Probability, Accelerated Intro to CS, Multivariable Calculus	
	Nashua High School North	Jun 2017
	<ul style="list-style-type: none">▪ Graduated salutatorian (2 out of ~450 people) in the class of 2017	
WORK EXPERIENCE	Fidelity Investments, Software Engineering Intern	May – Aug 2018
	Brown Political Review, Data Associate	Jan 2018 – Present
	<ul style="list-style-type: none">▪ Built a Django web app for displaying and storing articles and interactive D3 infographics from scratch▪ Implemented a database using PostgreSQL to manage articles, deployed on Heroku	
	Brown Computing and Information Services, Student Technician	Jan 2018 – Present
	<ul style="list-style-type: none">▪ Managed AV equipment for student events of up to 100 people, repaired projectors, troubleshoot presentation software	
PROJECTS	Elephluent	Feb – May 2018
	<ul style="list-style-type: none">▪ Worked in a team of four to launch a web app that teaches children foreign languages through interactive lessons and games▪ Integrated lesson and progress data from MongoDB into lessons using AJAX calls through jQuery▪ Designed a child-friendly user interface focused on sight, sound, and touch using SASS, CSS Flexbox and Transitions, and the Web Speech API	
	Maps	Apr 2018
	<ul style="list-style-type: none">▪ Worked in a team of two to implement an interactive Google Maps clone with pan and zoom using HTML Canvas, jQuery, and Java▪ Implemented the A* algorithm to optimize finding the shortest path between two locations▪ Implemented a KD-tree to increase efficiency when searching for locations nearby a given coordinate	
	Google Calendar Automator, MAHack 2017 Prize Winner	Jun 2017
	<ul style="list-style-type: none">▪ Created a prize-winning utility in Python that can find a schedule on a web page and upload each event to Google Calendar	
	Flight Finder	Dec 2017
	<ul style="list-style-type: none">▪ Developed a web app which suggests a vacation destination, flight tickets, and location information using the Wikipedia API▪ Designed an algorithm to find potential tickets within a data set of 100,000+ JetBlue flights locations▪ Designed the user interface using HTML, CSS, and Bootstrap, and the backend in Django, the Python web framework	
	Chatterbox	Dec 2017
	<ul style="list-style-type: none">▪ Created a chat application for Android in Java which allows users to and send and receive messages online▪ Stored messages and managed user authentication with Firebase	
AWARDS & SCHOLARSHIPS	American Computer Science League All-Star Finalist	Jun 2016
	Invited to participate in the All-Star Contest, a national competition for top scoring teams	
	American Regional Mathematics League Team High Scorer	May 2016 – May 2017
	Earned a medal for most points scored on the New Hampshire state team at ARML 2016, a national mathematics tournament	
	National Merit Finalist	Mar 2017
	National AP Scholar	Jul 2017
	Earned after scoring 5 out of 5 on 10 AP exams.	
LEADERSHIP EXPERIENCE	Google igniteCS, Mentor	June 2016 – June 2017
	<ul style="list-style-type: none">▪ Developed curriculum and taught computer science to underprivileged students at Dr. Earl F. Calcutt Middle School	
	Mu Alpha Theta, President	October 2017 – Present
	<ul style="list-style-type: none">▪ Led the 50 members of the Nashua North chapter of Mu Alpha Theta, the national math honor society▪ Organized the school's tutoring center and connected students who needed extra math help with members	
LANGUAGES	<ul style="list-style-type: none">▪ English (native), Mandarin Chinese: (professional working proficiency)	