

Justin Luo

1568 Avenue Place, Apt #4420
Atlanta, Georgia 30329
USA & Canadian Citizen

justinluo1998@gmail.com
(404)-834-6676
<https://github.com/luo-justin>

EDUCATION

Emory University, Atlanta, Georgia May 2020
Bachelor of Science in Computer Science, Bachelor of Arts in Economics GPA: 3.67/4.00

Relevant Coursework: Introduction to Computer Science I & II, Data Structure and Algorithms, Database Systems (MySQL), Data Mining, Artificial Intelligence, Systems Programming, Computer Science Practicum (Agile development), Linear Algebra, Digital Electronics, Data and Decision Analytics.

PROGRAMMING SKILLS

Proficient in *Java, Python, Swift, MySQL, HTML/CSS. MVC frameworks (PHP), NoSQL (Firebase)*
Familiar with *JavaScript, Objective-C, React, R, Agile development practices*

PROGRAMMING & OPEN SOURCE PROJECTS

Self-Driving Car using TensorFlow and AI Gym. April 2018

- Collaborated with a partner to develop efficient neural-networks using Python that can guide a car through any random race track under a certain time limit.

Efficient Apriori Algorithm February 2018

- Tied for third place in an in-class competition to produce the most efficient Apriori algorithm for mining very large data sets (i.e. millions of entries). Built from scratch using Python (no external library dependencies).

[Personal Website](#)

March 2017

- Designed and created a beautiful portfolio website from scratch (no frameworks) using HTML/CSS/JavaScript

Algolia's Open Source PHP Client

November 2016

- Found a critical bug related to PHP 7 code incompatibility and recommended a solution to Algolia's PHP team.

EXPERIENCE

Co-Founder/Chief Technology Officer at [Vezzy LLC](#), Atlanta, Georgia May 2018 – Present

- Led a technology team of five people to complete a buying & selling app (iOS/Android) for college students two weeks ahead of time on a tight deadline and budget.
- Published the iOS app which has led to over 2 thousand downloads in two weeks from Emory University alone.
- Designed and built the UI/UX of the iOS app using Swift.
- Integrated efficient NoSQL queries so that thousands of simultaneous user connections were possible.
- Helped build third-party payment systems (generating over 7 thousand dollars in transactions), custom instant messaging, and back end cloud functions using JavaScript.

Co-Founder/Chief Technology Officer at [FetchMi LLC](#), Atlanta, Georgia March 2017 – April 2018

- Led a technology team of six people in implementing a web app to help locals in Atlanta browse, search, compare, message, and book services in their neighborhood.
- Implemented key features of the web app using PHP (CodeIgniter), including instant messaging, efficient search, and secure user authentication.
- Deployed the site using Amazon Web Services and managed all development and operations of the site.
- Helped design and build the UI/UX of the web app from scratch using HTML/CSS/JavaScript.

Summer Intern at MicroPort Scientific Corporation, Shanghai, China June 2016 – August 2016

- Learned many industry standard practices for creating mobile apps.
- Helped the IT department implement a calendar feature for the iOS app, increasing scheduling efficiency within the company.

COMMUNITY ENGAGEMENT

Developer/Designer for [Emory's Chinese Student Organization](#), Emory University September 2017 – April 2018

- Provided technical guidance for a team of six in implementing a course-review site that helps Emory's Chinese students find, rate, and compare the most suitable classes.
- Helped the back-end team create efficient NoSQL queries, leading to a 1.5x increase in page loading speeds.
- Designed and helped build the front-end of the web app from scratch using HTML/CSS/JavaScript.
- Used React/Redux to speed up development time and create cleaner, recyclable code.

Leader of a Technology Panel at [HackATL](#), Emory University November 2017

- Partnered with HackATL, the largest Hackathon in the Southeast, to lead a technology demo and Q&A for our current start up in front of 100 people; selected as one of the only two panels with Google being the other.

Member of Hack Emory, Emory University September 2016 – May 2017

- Attended and contributed to weekly meetings to share ideas and projects among students with similar interests.

ADDITIONAL SKILLS

Languages: Fluent in *English* and *Chinese Mandarin*
Sports: Amateur Boxer, High School Varsity Swimmer

Arts: Pianist (finished highest level of piano exams in China)
Gaming: League of Legends (top 0.3% in North America)