

# Christopher Chen

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<https://github.com/chrisMYchen> | <https://chrismychen.github.io>

## EDUCATION

**Brown University**, Sc.B Computer Science - Economics Joint Major GPA 3.625/4.0 **Providence, RI**  
*Courses include: Introduction to Software Engineering, Honors Linear Algebra* Expected Graduation May 2019  
*Clubs and Interests: Let's Talk China co-founder, hackathons, martial arts, acapella, poetry, piano, hiking*

## TECHNICAL SKILLS

**Languages:** Java, Javascript, Python HTML, CSS, PHP, MySQL, Functional Programming (Racket, Pyret), Swift  
**Frameworks/Libraries:** React.js, Redux.js, SASS, jQuery, Node.js  
**Concepts/Tools:** Agile, Map Reduce, Dynamic Programming, Memoization, Git, Unit Testing, Azure web services deployment

## EMPLOYMENT/INDUSTRY EXPERIENCE

**CA Technologies/Rally Software** **Boulder, CO**  
*Software Engineer* June 2016 – September 2016

- Architected and built site performance benchmarking tools with Webpagetest, StatsD, Docker, InfluxDB, and Grafana for CA's production pipeline to maintain accountability and quantitative measures over performance.
- Designed and implemented reusable React.js components for in workflow pop out editor to reduce unnecessary page navigation, accounting for over 2s in saved time on most heavily trafficked pages.

**University of Colorado Anschutz** **Aurora, CO**  
*Research Assistant* June 2015 – September 2015

- Quantified 4 weeks of consecutive rat activity after epileptogenesis through minute behavioral observations based on a standardized seizure model, EEG reading computations, and protein expression densitometry.
- Presented ANOVA and T-test statistical analysis of Ruxolitinib drug delivery on epilepsy indicators through academic paper and presentation at symposium with over 20 leading scientists.

## CURRENT/PAST PROJECTS

**MixMatch** – Spontaneous experience discovery startup **Boulder, CO**  
*Product lead and developer: Link to demo <https://www.youtube.com/watch?v=bgkSFetyuf0>* June 2016 - Current

- Designed and executed native Android mobile user interface for MixMatch's event discovery platform.
- Translated market research and customer feedback from iterative customer interviews into implemented features and design.
- Startup Summer Colorado 3rd place award winner

**TRTL** – Location based social media **Providence, RI**  
*Lead developer: <https://trtlapp.com>* November 2015 - Current

- Orchestrated user creation and posting system through Spark Web (Java) to create and retrieve user data with SQLite/SQL.
- Designed and implemented ranking algorithm to provide relevant posts based on location, upvotes, friends, and time.
- Lead design for UI interaction and responsive/mobile design. TRTL collected over 200 posts at Brown in first week of beta launch.

**Tweather** – Twitter based crowd-sourced weather forecast **Providence, RI**  
*Project Lead: <http://tweather2.azurewebsites.net/tweather>* November 2015 - Current

- Led team of two to provide a human-centric metric of the current weather in the area based on Tweets through Twitter API.
- Oversaw server-side Python core in conjunction with Flask, HTML, and Javascript to evaluate Tweets based on sentiment analysis and visualize them on Google Maps to produce an intuitive application for understanding the weather. Started at HackHarvard.