

Christopher Chen

contact

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work

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education

Brown University

Sc.B Computer Science -

Economics Joint Major

Graduation May 2019

GPA: 3.625/4.0

skills

Java, Python,

Functional programming,

iOS/Swift,

Javascript (React.js

Redux.js, jQuery)

Map Reduce, dynamic

programming, memoiza-
tion

Git, Unit testing, GUI

Testing,

Azure web services

deployment,

Agile workflow

experience

Software Engineering Intern, CA Technologies/Rally Software

June 2016 - September 2016

Worked within an engineering team of 8 to provide realtime services to Agile Central customers with clojure. Built front end components in React.js and Redux.js to improve quickness of customer workflow by over 2 seconds on most visited customer pages.

projects

Lead developer, trtlapp.com

February 2016 - Current

Orchestrate communication between front end and Java back end data throughout local media platform. Lead design for UI interaction and development for mobile support. Platform received over 200 posts in first week of beta launch within Brown's campus.

Project Lead, Tweather

November 2015 - March 2016

Lead team of two to provide a human-centric metric of the current weather in the area based on Tweets.

Oversee server-side Python core in conjunction with Flask, HTML, and Javascript to evaluate and visualize tweets based on sentiment analysis and produce an intuitive application for understanding the weather.

Project Lead, careerchoices.peaktopeak.org

Lafayette, CO December 2013 - June 2015

Led team of five. Developed the website's user interface as a Monster style job shadowing website. Created product design, UI/UX features, and mobile support with HTML, CSS, Javascript, Bootstrap, and PHP, and user and data management through SQL.

Met with and enlisted local community leaders (endorsed by Lafayette mayor) and members to form a professional network for proactive students.

research and quantitative analysis

Research Assistant, Children's Hospital Colorado

June 2015 - September 2015

Conducted research on epilepsy through an animal model with Dr. Brooks-Kayal, president of the American Epilepsy Society.

Presented research and statistical analysis with ANOVA and T-tests of Ruxolitinib drug delivery on epilepsy indicators through academic paper and presentation.

Research Assistant, NOAA ESRL Polar Processes Group

May 2013 - August 2013

Structured and developed database visualization and standardization for the International Arctic Systems for Observing the Atmosphere data from 10 international observatories. Organized and repaired dataset metadata. Used MATLAB, PHP. esrl.noaa.gov/psd/iasoa/dataatagance