

RuoTai Sun

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SKILLS

Languages: JavaScript, Python, Ruby, C/C++, HTML, CSS **Tools/Services:** Git, Mocha, Parse, Jira
Frameworks: jQuery, Backbone, React, Node, Rails, Django **Languages spoken:** English, French, Mandarin

WORK EXPERIENCE

- JAN. 2016 - APR. 2016 | **Software Developer Intern** at Autodesk **CasperJS, Backbone, Node, Faye**
- Designed and built an open-source testing framework (npmjs.com/package/damon).
- Implemented new front-end page to show synced testing results to all developers.
- Wrote all the tests for the website using damon, improving testing speed by 75%.
- JUNE 2015 - AUG. 2015 | **Web Developer Intern** at BuildDirect Design Center **Django, jQuery, Python**
- Enhanced room layout creation algorithm to generate more accurate results.
- Implemented a pdf package generator (downloaded 5000+ times) using ReportLab.
- Integrated Google Analytics events tracking system to better understand user's work flow.
- MAY 2015 - JUNE 2015 | **Web Developer Intern** at TicketFi **Rails, Rspec**
- Contributed to the design and implementation of a RESTful API using Rails.
- Designed and wrote most of its unit tests using Rspec.

PROJECTS

- SEPT. 2015 | **Jumpp @ Hack the North** (Intuit API prize) **ReactJS, Reapp, Firebase**
- App that lets customers order food in advance and generate receipts.
- Developed an analytic interface using Reapp based on ReactJS, and Firebase.
github.com/ju-de/jumpp-bus
- MAY 2015 | **GlowStone @ WearHacks Toronto** **Parse, Android, AngularJS, Beacon**
- App that provides seamless contextual information for landmarks and exhibitions.
- Connected the admin panel to the client side with a real-time updating system using Parse.
github.com/factorialLabs/GlowStone-Web
- MAR. 2015 | **Roomi @ Waterloo EngHack** (second place) **AngularJS, Meteor**
- Webapp that provides useful tools for roommates such as bill splitter, to do list and messenger.
- Created an instant messenger feature using AngularJS and Meteor.
github.com/factorialLabs/roomi
- MAR. 2015 | **CommuniVoice @ HackIllinois** (Yelp best Community hack prize) **AngularJS, Azure, Android**
- Android and web app that allows citizens to effortlessly report issues to their city.
- Worked on integrating the Google Maps API on the webapp and on the back-end with Azure.
github.com/rtsun95/crowdreport_web

INITIATIVES

- FEB. 2015 - PRESENT | **Co-Founder and Organizer of Tech Retreat**
- Founded a hackathon/learnathon for high school students with more than 150 participants.
- Managed finances and planned the budget for the event.
- Worked on contacting sponsors to make the event entirely free for students.
- Handled the applicants' selection process from a pool of more than 400 applicants.

EDUCATION

- Candidate for Bachelor of Software Engineering, 2B (graduation in 2019), University of Waterloo
- Introduction to Machine Learning, Udacity (Online)