

RuoTai Sun

ruotai.me | github.com/rtsun95 | linkedin.com/in/rtsun | sunruotai95@gmail.com | (514)-796-5176

TECHNICAL SKILLS

Languages: JavaScript, Python, Ruby, C/C++
Frameworks: jQuery, Backbone, React.js, Node, Rails, Django
Tools/Services: Git, REST, Mocha, Parse
Language spoken: English, French, Chinese

WORK EXPERIENCE

- JAN. 2016 - APR. 2016 | **Software Developer Intern** at Autodesk
- Wrote and designed an end-to-end testing framework using CasperJS.
 - Added all the tests for the website using this framework, improving its reliability.
 - Implemented new front-end modules and features using Backbone.js.
- JUNE 2015 - AUG. 2015 | **Web Developer Intern** at BuildDirect Design Center
- Enhanced the room layout creation by improving the algorithm and queries.
 - Implemented an pdf package generator for client to download using ReportLab.
 - Integrated Google Analytics to the website to provide a better insight of user statistics.
- MAY 2015 - JUNE 2015 | **Web Developer Intern** at TicketFi
- Contributed to write and design a RESTful API for the company using Ruby on Rails.
 - Designed and wrote most of its unit tests using Rspec.

PROJECTS

- SEPT. 2015 | **Jump @ Hack the North** (Intuit API prize) **ReactJS, Reapp, Firebase**
- Created an app that lets customers order food in advance and generates receipts.
 - Developed an analytics interface using Reapp, based on ReactJS, and Firebase.
- Github:* github.com/ju-de/jump-bus
- MAY 2015 | **GlowStone @ WearHacks Toronto** **Parse, Android, AngularJS, Beacon**
- Built an app that provides seamless contextual information for point of interest.
 - Connected the admin panel to the client side with a real-time updating system using Parse.
- Github:* github.com/factorialLabs/GlowStone-Web
- MAR. 2015 | **Roomi @ Waterloo EngHack** (second place) **AngularJS, Meteor**
- Developed a web app that provides useful tools for roommates to have a better living experience.
 - Worked on creating an instant messenger feature using AngularJS and Meteor.
- MAR. 2015 | **CommuniVoice @ HackIllinois** (Yelp best Community hack prize) **AngularJS, Azure, Android**
- Built an android and web app that allows citizens to report effortlessly issues to their city.
 - Worked on integrating Google Maps API on the web app and on the backend with Azure.
- Github:* github.com/rtsun95/crowdreport_web
- NOV. 2014 | **WatAreFriends @ TreetuHack** **AngularJS, Bootstrap, Python/Flask**
- Created a website that allow students of the University of Waterloo to compare their stream.
- Github:* github.com/icechen1/coop-friendship

INITIATIVES

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

EDUCATION

- 2014 - 2019 (EXPECTED) | **Candidate for Bachelor of Software Engineering @ University of Waterloo, Waterloo, ON**
- JUNE 2015 - SEP. 2015 | **Introduction to Machine Learning @ Udacity (Online)**