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

WORK EXPERIENCE

JAN. 2016 - APR. 2016

Software Developer Intern at Autodesk
- Wrote and designed an end-to-end testing framweork using CasperJS and PhantomJS.
- Added all the tests for the website using this framework, improving the website's 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 using Django and jQuery.
- Implemented an pdf package generator for client to download using ReportLab and Django.
- 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

Jumpp @ Hack the North (Intuit API prize)   **ReactJS, Reapp, Firebase**
- Created an restaurant app that lets customers order food in advance and generates receipts with Intuit API.
- Developed an analytics interface to provide stats for businesses using Reapp, based on ReactJS, and Firebase.
Github: github.com/ju-de/jumpp-bus

MAY 2015

GlowStone @ WearHacks Toronto   **Parse, Android, AngularJS, Estimote Beacon**
- Built an app that provides a seamless contextual information system for attractions and landmarks.
- Connected the admin panel to the client side with a real-time updating information 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 together.
- Worked on creating instant messenger feature for roommate to communicate using AngularJS and Meteor.

MAR. 2015

CommuniVoice @ HackIllinois (Yelp best Community hack prize)   **AngularJS, Microsoft 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 Microsoft 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 working 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 in Ontario 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 - MAY 2019 (EXPECTED)

Candidate for Bachelor of Software Engineering
University of Waterloo, Waterloo, ON

JUNE 2015 - SEP. 2015

Introduction to Machine Learning
Udacity (Online)