

Sihui Huang

2600 Waterview Pkwy. Apt. 4xx6
Richardson, Texas 75080



Cell: 469xxxxxxx
Email: xxxx@utdallas.edu
www: **sihui.me**

OBJECTIVE Software Engineering Intern where skills in C/C++, Java, Python, Swift, Ruby, C#, JavaScript, jQuery, AJAX, HTML, JSON, APIs, Web, Android, and iOS apps development, and excellent selflearning, problem solving, and cooperation skills will assist the company.

EDUCATION B.S. in Computer Science **GPA: 3.94 / 4.0**
The University of Texas at Dallas Expected: Dec. 2015

SKILLS

Programming Languages:	C++	Java	Python	Swift
	Ruby	C#	JavaScript	
Mobile App Development:	Android	iOS		
Web Application Development:	AngularJS	API	Ruby on Rails	
	MongoDB	JSON		
Web Frontend Relative:	HTML	jQuery	AJAX	
	CSS	Sass	Bootstrap	
Operating Systems:	UNIX/Linux	OSX	Windows 8/7	
Version control Relative:	Git	GitHub	SourceTree	
Application Deployment:	OpenShift	Heroku	Google App Engine	

WORK EXPERIENCE

Engineering Intern Dialexa, LLC.

May 2014 present

- Developed a web application completely, both frontend and backend, used Ruby on Rails, jQuery, AJAX, Amazon S3 storage and Google Map JavaScript API v3;
- Developed a RESTful API used by an iOS app, used JSON for data exchanging;
- Unit tested a .NET application in C#, achieved above 95% code coverage for assigned modules;
- Developed an iOS app in **Swift**, used NSURLSession to communicate with a RESTful API, used Google Map SDK for iOS;

Research Assistant MultiAgent & Visualization Systems Lab at UTDallas

Fall'13, Spring'14, Fall'14

- Studied AgentOriented Programming and MultiAgent System by participating in the MATISSE (MultiAgent based Traffic Safety Simulation system) project;
- Developed a VehicletoVehicle communication mechanism for MATISSE;
- Participated in the process of publishing a paper for an IEEE Conference, responsible for the researching process and wrote the survey;
- Will lead the Comet Smart Campus Project in Fall 2014;

PROJECTS

Stealth Saver AT&T Public Safety Hackathon

Best Use of AT&T M2X Apps Award

June 2014

Built an android app that sends an emergency SMS to a preset phone number along with user's location after a user activates it with voice commands, user's locations will be updated every minute and displayed to a map;

MarkIt Side Project

May 2014

Designed and built a web app uses Web2Py, AngularJS, and D3.js to help users visualize relationships between saved bookmarks;

Data Structure Projects Data Structure and Algorithm Course

Spring 2014

Implemented data structures and algorithms;

ACTIVITIES

Grace Hopper Celebration 2014

Will Attend as a Scholar

Google Code Jam 2014

Passed Qualification Round

Society of Women Engineers

Member since Fall 2013