SI JINE ROH

sijine.roh@gmail.com ✉
+1 (979) 676-5515 ☎
github.com/sjroh ⚙
linkedin.com/in/sijineroh in

Education

Texas A&M University
College Station, Texas
B.S. in Computer Engineering
Graduated with Cum Laude (May 2016)

University of Arizona
Tucson, Arizona
B.S. in Computer Engineering
Transferred to Texas A&M University

Skill

C/C++ Java Python PHP HTML CSS
JavaScript Ruby Rails Android MySQL
MongoDB Arduino Raspberry Pi IoT Git
Photo

Activity

UPE
Member of International Honor Society for the Computing & Information

CodeRED
Hackathon
University of Houston, Texas
Nov 2015

TAMUHACK
Hackathon
Texas A&M University, Texas
Oct 2015

Anadarko Show and Tell
Presenter
Sep 2015

Microsoft Korea Workshop
Microsoft Azure, Windows 8 application development
Mar 2013

ITU IT Volunteer
Teach basic computer skills to local students Nangi Village, Nepal
Jul 2012

Award

Dean's Honor Award
The Dwight Look College of Engineering
Spring 2015

Certificate of Appreciation
Department of Computer Science & Engineering, Texas A&M University
Spring 2016

Experience

Research Assistant II
June 2016 - Present

Department of Neurosurgery, University of Texas Health Science Center at Houston
- Robotic surgery research lab in Department of Neurosurgery
- Developed motor control testing program

Undergraduate Research
Jan 2016 - May 2016

Department of Computer Science & Engineering, Texas A&M University
- Designed and developed UI for UI/UX user experience research

Peer Teacher
Sep 2015 - May 2016

Department of Computer Science & Engineering, Texas A&M University
- Peer Teacher for intro classes in Computer Science
- Supported students to debug and understand program during lab sessions
- Received Certificate of Appreciation

Web Developer & Administrator
May 2014 - May 2016

Korean Students Association, Texas A&M University
- Designed and developed Korean Students Association website

Web & Android Developer
Aug 2012 - Apr 2013

O'square Co., Ltd., Seoul, South Korea
- Developed social activity recommender system in Ruby on Rails on AWS
- Developed Android application with native development toolkit

Technical Assistant
Feb 2012 - Jun 2012

Sunrin Internet High School, Seoul, Republic of Korea
- Providing technical assistance to fault, staff, and student in person
- Supporting 200 users and 300 computers on both software and hardware sides
- Managing school network and equipments

Sergeant
May 2010 - Feb 2012

Artillery School, Republic of Korea Army, South Korea
- Chief Assistant of troop information and education

Project

My Sprikler
Spring 2016

Automated sprikler system based on weather forecast.

Once upon a time in Costa Rica
Winter 2016

Electronic Photo Book for Arts class.

Laser Harp
Fall 2015

Developed MIDI compatible Laser Harp.

Goal Achiever
Fall 2015

Android application to make a productive time.

R for Resistance
Aug 2015

Android application to calculate resistance.

D for Debug
Aug 2015

Fun ways to familiar with debugging.

Arduino WiFi
Jul 2016

Developed a system to control electronic device by using Arduino.

RVD (Raspberry Voice Drop)

Sep 2014

Voice mail system using Dropbox API.

Korean Aggies

May 2014

Developed website with CMS(XpressEngine).