

SI JINE ROH

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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 jQuery 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, Texas A&M
University
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 faculty, 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

Mapline

Feb 2017

New generation of timeline with Google Map.

My Spikler

Spring 2016

Automated spikler 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.

Aug 2015

R for Resistance

Android application to calculate resistance.

Aug 2015

D for Debug

Fun ways to familiar with debugging.

Jul 2016

Arduino WiFi

Developed a system to control electronic device by using Arduino.

Sep 2014

RVD (Raspberry Voice Drop)

Voice mail system using Dropbox API.

May 2014

Korean Aggies

Developed website with CMS(XpressEngine).