





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 TwinCAT 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

Software Engineer

ColubrisMX, Inc., Houston, Texas
◦ Spin-off from the University of Texas Health Science Center at Houston.
◦ Develop micro-surgical robot for neurovascular surgical procedures.

Mar 2017 - Present

Research Assistant II

Department of Neurosurgery, University of Texas Health Science Center at Houston
◦ Robotic surgery research lab in Department of Neurosurgery
◦ Develop micro-surgical robot for neurovascular surgical procedures.

June 2016 - Feb 2017

Undergraduate Research

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

Jan 2016 - May 2016

Peer Teacher

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

Sep 2015 - May 2016

Web Developer & Administrator

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

May 2014 - May 2016

Web & Android Developer

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

Aug 2012 - Apr 2013

Technical Assistant

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

Feb 2012 - Jun 2012

Sergeant

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

May 2010 - Feb 2012

Project

Mapline

New generation of timeline with Google Map.

Feb 2017

My Sprikler

Automated sprikler system based on weather forecast.

Spring 2016

Once upon a time in Costa Rica

Electronic Photo Book for Arts class.

Winter 2016

Laser Harp

Developed MIDI compatible Laser Harp.

Fall 2015

Goal Achiever

Android application to make a productive time.

Fall 2015

R for Resistance

Android application to calculate resistance.

Aug 2015

D for Debug

Fun ways to familiar with debugging.

Aug 2015

Arduino WiFi

Developed a system to control electronic device by using Arduino.

Jul 2016

RVD (Raspberry Voice Drop)

Voice mail system using Dropbox API.

Sep 2014