

# Sung Soo Cho

SOFTWARE DEVELOPER · COMPUTER SCIENCE MAJOR

1601 Rice Boulevard Houston, TX 77005

☎ (713) 828-8185 | ✉ sc80@rice.edu | 🌐 sungsoocho.net | 📱 foerever

## Education

### Rice University

Houston, TX

B.S. IN COMPUTER SCIENCE

August 2016 - May 2020

- Relevant coursework - COMP 140 (modeling computation artifacts; design and implementation of algorithmic solutions in Python) | COMP 182 (Algorithmic thinking with discrete math)
- Awards: 3rd place in Rice University Undergraduate Elevator Pitch Competition (1000 USD prize)

## Skills

### PROGRAMMING AND ENGINEERING

Recent **Experienced with**, Python, HTML, CSS, Javascript, Bash Scripting, XML

Programming

Former **Familiar with**, Objective C, Application of GMT Scripts, Robot C, ANSI

Programming

Recent **Experienced with**, Inventor (3D modeling), Circuit Design and Programming, VEX

Engineering

## Experience

### UT Center for Space Research (NASA Grant)

Austin, TX

PAID INTERN

July 2015 - August 2015

- Computational analysis of 2 trillion points of high-rate airborne laser altimetry data from ICESat Satellite
- Design and program code for graphical analysis of speculative reflection and satellite calibration (Objective C, Bash, GMT Scripts)

## Leadership

### Rice University Computer Science Club

Houston, TX

FRESHMAN REPRESENTATIVE

October 2016 - PRESENT

- Founded and organized Hack and Learn (a three day event with workshops and a mini Hackathon to diversify the skill sets of Rice students)

## Projects

### LILIE New Entrepreneurs Grant

Houston, TX

GRANT RECIPIENT | FOUNDER

June 2016 - PRESENT

- Received 10,000 USD to create a start up from Project Modulate (a modular calculator) with a partner from Rice University's Liu Idea Lab for Innovation and Entrepreneurship

### HackRice

Houston, TX

ORGANIZER | PARTICIPANT

October 2016

- Assist in organization and coordination of Rice University's annual hackathon
- Built APK "Sandals" a social media platform targeting isolated groups within social networks

### CodeRED

Houston, TX

AWARD RECIPIENT | PARTICIPANT

October 2016

- Won challenge "Best Use of IBM Watson" at the University of Houston's CodeRED Hackathon
- Built APK "Owl Security" a security system that uses image recognition to automatically identify and resolve security hazards

### Pennapps XV

Houston, TX

PARTICIPANT

January 2017

- Built a raspberry pi circuited interface that converts audio into an LED equalizer and synchronized set of vibration motors to redefine the way that deaf people can experience music