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, Bash Scripting, XML	*Programming*
Former	**Familiar with**, Objective C, Application of GMT Scripts, Java, 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 altrimetry 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 rasberry 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