

# Sung Soo (Anthony) Cho

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## Education

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### Clear Lake High School

#### Houston, TX

GPA Weighted (4.0 scale): 4.77

August 2012 - June 2016

- Honors: President's Volunteer Service Award Gold, National Honor Society Member, AP Scholar with Distinction
- Scores: SAT (Critical Reading + Math Composite; 1600 scale) 1550
- Qualified for college credit in national exam for four PLTW engineering courses: Introduction to Engineering and Design – Design Process; Inventor (3D modeling and design) | Principles of Engineering – VEX, Robot C, Inventor, Engineering fundamentals | Digital Electronics – Digital Logic, ANSI, Designing and programming circuits | Aerospace Engineering – Designing components for aircraft, Inventor, Aerospace fundamentals

### Rice University

#### Houston, TX

Computer Science (BS)

August 2016 – May 2020

- COMP 140 – Modeling computation artifacts, design and implementation of algorithmic solutions in Python, test and evaluate performance of computational systems
- Awards: 3<sup>rd</sup> place in Rice University Undergraduate Elevator Pitch Competition 2016 (\$1000 prize)

## Skills

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**Programming:** Python (Intermediate); C (Bash Scripting) (Beginner); Application of GMT scripts for geographic analysis (Intermediate); Android Development Studio (XML and Java) (Intermediate and Beginner); HTML & CSS (Beginner)

**Design:** Inventor (Intermediate), Circuit Design and Programming (Intermediate)

**Languages:** Working fluency in Korean

**Instruments:** B-flat Clarinet (5 yrs), Piano (3 yrs), Violin (2 yrs), Bass Clarinet (1 yr)

## Experience

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

#### Austin, TX

*Paid Intern*

July 2015 - August 2015; 28hrs/wk

- Computational analysis of high-rate airborne laser altimetry data from ICE Sat 1 Satellite
- Program code for graphical analysis of speculative reflection and satellite calibration

### Rice University Computer Science Club

#### Houston, TX

*Freshman Representative*

August 2016 - Present; 4 hrs/wk

- Assist in the coordination of CS Club events such as HackRice
- Represent freshmen members of CS Club and organize CS Club events for freshmen

### Houston Food Bank Student Heroes Program

#### Houston, TX

*Director*

August 2014 - August 2016, 4 hrs/wk, 39 wks/yr

- Founded and coordinated event “Students End Hunger”; oversaw food drives in over three dozen schools; established student representatives in dozens of major high schools throughout Houston area for food drives
- Trained and oversaw hundreds of volunteers in various projects at the largest food bank in the United States

## Projects

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### LILIE New Entrepreneurs Grant

#### Houston, TX

*Grant Recipient; Founder*

June 2016 - Present, 4 hrs/wk, 39 wks/yr

- Applied for and received \$10,000 grant to pursue project idea and create a start up with partner from Rice University's Liu Idea Lab for Innovation & Entrepreneurship
- Work on the design, function, and business model for a startup product involving modular technology

### HackRice

#### Houston, TX

*Organizer; Participant*

October 2016, 36 hrs

- Assist in organization and coordination of Rice University's annual hackathon as an officer of CS Club
- Built APK “Sandals” a social media platform targeting isolated groups within social networks with three other team members

### CodeRED

#### Houston, TX

*Award Recipient; Participant*

October 2016, 24 hrs

- 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 with one other team member