# Sung Soo (Anthony) Cho

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## Education

**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

## Skills

**Programming:** Python (Beginner); Bash Scripting (Beginner); Application of GMT functions for graphical analysis of satellite data; Android Development Studio (UI and Java) (Beginner)
**Design:** Inventor (Intermediate), Circuit Design and Programming (Beginner)
**Languages:** Working fluency in Korean
**Instruments:** B-flat Clarinet (5 yrs), Piano (3 yrs), Violin (2 yrs), Bass Clarinet (1 yr)

## Experience

**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**
*Member (11th); Director (12th)*                              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 groups of volunteers in various projects at the largest food bank in the United States, supporting them in producing measurable results during their volunteer shift
- Reviewed and interviewed applicants to the Student Hero Program
- Organized orientations, trainings, and professional development workshops for Student Heroes

**UT Center for Space Research (NASA Grant)**                                         **Austin, TX**
*Paid Intern*                                                      July 2015 - August 2015; 28hrs/wk

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

## Projects

**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

- Helped organize and coordinate Rice University's annual hackathon as an officer of CS Club
- Worked with a team of five students to build APK called "Sandals": a social media platform that allows users to network and update a status/mood within isolated groups
  - Designed UI, built profile creation, and assisted in coding the back-end
  - "Sandals" involved java, xml, and API integration