

Joo Min Yeo

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Standard First Aid & CPR/AED Certified
took EMT course

Education	University of California, San Diego La Jolla, CA	2016-2020(expected)
Experience	UCSD ASME MARS ROVR: <i>President</i> Lead a team of mechanical, electrical and software engineers to build a next generation Will be competing in University Rover Challenge in Utah. NASA Jet Propulsion Laboratory (JPL) Develop simulation software with Small Scale Flight Software Group for the autonomous Mars rover. Mars 2020 Project. Create modules for data transfer and management. UCLA RoMeLa (Robotics Mechanisms Laboratory) – Dr. Dennis Hong Researched “Modification of a Hexapod to Enable Blind Locomotion across Uneven Terrain.” Assisted in a classified research with the ONR (Office of Naval Research). DARPA Robotics Challenge Finals (RoMeLa THOR-OP) U.S. Department of Defense hosted robotic competition. Assembled and repaired the robot on-site. UCI Donald Bren School of Information & Computer Science Developed front-end interface for SpArcFiRe, a program that automatically finds spiral arms in an image of a spiral galaxy.	Oct. 2016-Present Jun. 2016-Aug. 2016 Oct. 2014-Apr. 2016 June 2015 Jun. 2015-Aug. 2015
Skills	Programming Languages – C/C++, Python, and Java Created multiple websites and for school clubs and applications for individual and school use. Created the Troy High Application for Android devices, as currently advertised on the Google Play Store, along with the Troy Attendance Application. Software/Hardware – MATLAB, SOLIDWORKS, and CNC.	
Languages	Korean and English - Native	Spanish - Proficient
Awards	US Congressional Gold Medal Award President’s Volunteer Service Award – Bronze Boy Scouts of America – Troop 93 Fullerton, CA Eagle Scout Scout of the Year Award Senior Patrol Leader Certificate of Merit Cello Level 10 (Advanced) California Music Clinic Competition Second Place ProgFest – CSULA First Place team leader	Aug. 2015 Sep. 2014 Jan. 2014 Jan. 2014 Jan. 2014 Mar. 2014 Oct. 2013 Feb. 2016
Volunteer	CTS Ensemble: <i>Principal Cello</i> Organized meetings and lead practices as a principle cello. Coordinated performances throughout the year. Cooperation Act (Co.Act): <i>Founder</i> Created and implemented the infrastructure for the organization to support children and teenagers impacted by natural disasters and developing areas around the world.	Jan. 2013-May 2016 Apr. 2014-Oct. 2015

Voluntario Mexico (VM): *Volunteer Leader*

Jun. 2014-Present

Travel to communities in and around Tijuana, Mexico to distribute necessities, such as hygienic materials, and educate children to maintain clean, healthy lifestyles.

Tree of Jubilee Academy (TOJA): *Tutor*

Aug. 2013-Aug. 2015

Provided academic support through tutoring services for homeless students in Magnolia District. Taught subjects ranging from elementary level math to Calculus BC. Coordinated and implemented an Eagle Scout Project, providing books, bookcases, funds, and a small dinner party for students and residents of El Dorado Inn – Anaheim, CA.

**Travel &
International
Projects****Guatemala (Chisec, Alta Verapaz, Guatemala) - 7 days**

Jul. 2014

Taught English at Colegio Cristiano Galilea and provided first aid for the indigenous peoples. Engineered wells to provide villagers with clean water.

Mexico (Camalú, Ensenada, Baja California, México) - 4 days

Jul. 2015

Worked with the medical team, operating a free clinic for the residents. Served as a translator to the team and an assistant to the optometrists.