

# Joo Min Yeo

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**Standard First Aid & CPR/AED Certified**  
**took EMT course**

Education	<b>University of California, San Diego</b> Electrical Engineering (GPA: 3.8)	2016-2020(expected)
Experience	<b>UCSD ASME MARS ROVR: <i>President</i></b> Lead a team of mechanical, electrical and software engineers to build a next generation rover. Will be competing in University Rover Challenge in Utah. <b>NASA Jet Propulsion Laboratory: <i>Software &amp; Data Analysis Engineer</i></b> Develop Engineering Analysis Subsystem (EAS) that will provide a new suite of tools for rapid assessment of spacecraft health and state. <b>NASA JPL: <i>Software &amp; Computing Systems Engineer</i></b> Develop simulation software with Small Scale Flight Software Group for the autonomous Mars rover. Mars 2020 Project. Create modules for data transfer and management. <b>UCLA RoMeLa (Robotics Mechanisms Laboratory) – Dr. Dennis Hong</b> Researched “Modification of a Hexapod to Enable Blind Locomotion across Uneven Terrain.” Assisted in a classified research with the ONR (Office of Naval Research). <b>DARPA Robotics Challenge Finals (RoMeLa THOR-OP)</b> U.S. Department of Defense hosted robotic competition. Assembled and repaired the robot on-site.	Oct. 2016-Present Jun. 2017-Sept. 2017 Jun. 2016-Aug. 2016 Oct. 2014-Apr. 2016 June 2015
Skills	<b>Programming Languages</b> – C/C++, Python, and Java <b>Software/Hardware</b> – MATLAB, SOLIDWORKS, and CNC.	
Languages	<b>Korean and English</b> - Native	<b>Spanish</b> - Proficient
Awards	<b>US Congressional Gold Medal Award</b> <b>President’s Volunteer Service Award – Bronze</b> <b>Boy Scouts of America – Troop 93 Fullerton, CA</b> Eagle Scout Scout of the Year Award Senior Patrol Leader <b>Certificate of Merit</b> Cello Level 10 (Advanced)	Aug. 2015 Sep. 2014 Jan. 2014 Jan. 2014 Jan. 2014 Mar. 2014
Volunteer	<b>CTS Ensemble: <i>Principal Cello</i></b> Organized meetings and lead practices as a principle cello. Coordinated performances throughout the year. <b>Cooperation Act (Co.Act): <i>Founder</i></b> Created and implemented the infrastructure for the organization to support children and teenagers impacted by natural disasters and developing areas around the world. <b>Voluntario Mexico (VM): <i>Volunteer Leader</i></b> Travel to communities in and around Tijuana, Mexico to distribute necessities, such as hygienic materials, and educate children to maintain clean, healthy lifestyles. <b>Tree of Jubilee Academy (TOJA): <i>Tutor</i></b> Provided academic support through tutoring services for homeless students in Magnolia District. Dedicated my eagle project to remodeling the room and supplying books and shelves.	Jan. 2013-May 2016 Apr. 2014-Oct. 2015 Jun. 2014-Present Aug. 2013-Aug. 2015