Joo Min Yeo

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Standard First Aid & CPR/AED Certified

took EMT course

Education	**University of California, San Diego**	2016-2020(expected)
	Electrical Engineering (GPA: 3.5)	
	Focusing on Power Systems Engineering: Transmission Systems, Distribution Systems, Grid Operation, Micro Grid, Transformers, Smart Grid, Renewable Energy Source (Photovoltaic, Wind, and Hydro)	

Experience	**NASA Jet Propulsion Laboratory:** *Software & Data Analysis Engineer*	Jun. 2017-Sept. 2017
	Develop Engineering Analysis Subsystem (EAS) that will provide a new suite of tools for rapid assessment of spacecraft health and state.	
	NASA JPL: *Software & Computing Systems Engineer*	Jun. 2016-Aug. 2016
	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 Robotics and Mechanisms Laboratory (RoMeLa)	Oct. 2014-Apr. 2016
	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)	June 2015
	U.S. Department of Defense hosted robotic competition. Assembled and repaired the robot on-site.	

Skills	**Programming Languages –** C/C++, Python, and Java
	Software/Hardware – MATLAB, SOLIDWORKS, Mathcad and CNC.

Languages	**Korean** and **English** - Native	**Spanish** - Proficient

Awards	**US Congressional Gold Medal Award**	Aug. 2015
	President's Volunteer Service Award – Bronze	Sep. 2014
	Boy Scouts of America – Troop 93 Fullerton, CA	
	Eagle Scout	Jan. 2014
	Scout of the Year Award	Jan. 2014
	Senior Patrol Leader	Jan. 2014
	Certificate of Merit	
	Cello Level 10 (Advanced)	Mar. 2014

Volunteer	**CTS Ensemble:** *Principal Cello*	Jan. 2013-May 2016
	Organized meetings and lead practices as a principle cello. Coordinated performances throughout the year.	
	Cooperation Act (Co.Act): *Founder*	Apr. 2014-Oct. 2015
	Created and implemented the infrastructure for the organization to support children and teenagers impacted by natural disasters and developing areas around the world.	
	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. Dedicated my eagle project to remodeling the room and supplying books and shelves.	