

Education	1110mepage.recentargy o.grando.ro		
Mar 2010-	Seoul National University of Science and Technology	Seoul, Korea	
Feb 2018	■ Graduate B.A in Mechanical Engineering (GPA 3.5/4.5)		
	<u>Relevant Coursework</u> : Computer Programming(Matlab, Labview, C++), MEMS, There Electrical & Electronical Engineering, Engineering Mathematics, CAD, Heat Transengineering Mathematics, Manufacturing progress, Internal Combustion Engine, Engine Analysis	nsfer, Fluid Mechanics,	
Jan 2015	Huazhong University of Science and Technology	Wuhan, China	
Jan 2015	 Exchange Student (Winter Semester) <u>Relevant Coursework</u>: Learning Chinese and Culture 		
Mar 2016	Harbin Far East Institute of Technology	Harbin, China	
Dec 2016	■ Exchange Student (1 Year)		
	<u>Relevant Coursework</u> : Chinese, Hydraulic Transmission, Mechanical Design, Mechanical Control		
Sep 2018	Shanghai Jiaotong University	Shanghai, China	
~ Now	 Graduate engineer program in Mechanical Engineering, (GPA 2.98/4), Expected Grad <u>Relevant Coursework</u>: Digital Signal Processing, Mechanical System Dynamics, Perf Control of Robot, Optimization Methods, Machine Vision, Linear Algebra, Mechan Mechanics 	uation date: Mar 2021 Formance Simulation and	
Work Expo			
May 2011-	Republic of Korea Army	Seoul, Korea	
Feb 2013	■ Position: Army		
	<u>Task/Responsibility</u> : ■ Operating M39 155mm Towed artillery		
	Defense Korean Territory		
Feb 2017-	Micro Interfacial Flow and Visualization Laboratory	Seoul, Korea	
Dec 2017	Position: Undergraduate-level researcher		
	<u>Task/Responsibility</u> :		
	Assisted Graduate-level researcher GED F		
	 CFD Experiment <u>Project:</u> Research on Optimization of HVAC using CFD 		
Jan 2018-	Kohyoung Technology	Seoul, Korea	
Jun 2018	Position: Technical Support	Seoul, Korea	
	Task/Responsibility:		
	HW/SW Issue Trouble Shooting		
Jan 2020-	上海月波广告有限公司(shanghai Edu advertisement)	Shanghai, China	
	Position: Data Engineer	<i>5</i> ,	
	<u>Task/Responsibility:</u>		
	Web Crawling using Beatifulsoup in python.		
Sep 2018-	Robot Control and Machine Vision Laboratory	Shanghai, China	
Mar 2021	■ Position: graduate-level researcher	-	
	Task/Responsibility:	2)	
	Develop Slam (Semantic SLAM based on ORR SLAM2 SLAM system and Vol	03741	

Develop Slam (Semantic SLAM based on ORB-SLAM2 SLAM system and Yolov3)

- Develop Rapid Frontier-based Exploration in an unknown environment and navigation
 - https://youtu.be/rUtJTubiweA
- Control Dual-arm manipulator in ros (<u>https://youtu.be/IS2WA1j4Uro</u>)
- Develop Object recognition and detection (https://youtu.be/oHN6IxD7TDc)
- Optimize Motion Planning method combining with RRTs and APF

Project: Pick and Place, Object Detection, Slam, Exploration, Navigation

Award and Honors

Apr 2008-	Seoul City Technical skill Competition Silver prize on CNC lathe	Seoul, Korea
Sep 2008-	Seoul City High School Technical Skill Competition Silver prize on CNC lathe	Seoul, Korea
Jul 2016-	Ecovacs Robotics Competition The Excellent Robot Design award More detail: http://robot.ecovacs.cn/thread-99539-1-sortid-1.html	Harbin, China
Sep 2018- Mar 2021	China Scholarship Council ScholarShip A Grade	Shanghai, China
Skills		
Languages	Korean (Native Speaker) English (TOEIC 865/ OPIC Intermediate High Level at 2018) Chinese (HSK 6 205 score at 2018)	
License	Certification of CNC Lathe Engineer Certification of Computer application (Excel, Word, PowerPoint) Certification of Air-Conditioning and Refrigerating System Engineer Certification of Korean history exam 1st grade	
Programming	Python, C++, ROS, SOLIDWORK, Matlab, MASTERCAM	

Social Activities

Sep 2014- Dec 2015	International Students Club • Position: President Relevant Activities: Assisted international students to adjust to living in Korea	Seoul, Korea
Sep 2008-	International Students Union	Shanghai, China

■ Position: Member

Relevant Activities: Assisted international students to adjust to living in china