

YOUNGHOON KIM

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SUMMARY

An undergraduate student of computer science who blends academic training with hands-on experience in problem-solving, data science, machine learning(computer vision), and web service projects. Excellent in developing various programs in different languages for a specific purpose. Highly adaptive to new tools. (GPA: 4.04/4.5)

WORK EXPERIENCE

Jan 2020 - Feb 2020	Research Intern, ETRI(Electronics and Telecommunications Research Institute)	Pangyo, Gyeonggi-do
	I was responsible for the analysis state-of-the-art pose estimation models and improving a performance. My responsibilities were: <ul style="list-style-type: none">- Doing the initial research and analyzing given dataset and state-of-the-art models- Planning the project and designing the better method- Fine-tuning and various approaches for improving the performance	
June 2019 - Sep 2019	Web Developer, Carfe	Seoul
	At this startup company, my primary role was to build the entire development process and advice on the direction of the business in terms of development. My responsibilities included designing the backend server logic, implementing frontend, and backend using Django.	
June 2018 - Aug 2018	Software Engineering Intern, Samsung Electronics	Suwon, Gyeonggi-do
	<ul style="list-style-type: none">- Working at Core S/W Lab in Network Business- Responsible for understanding Core S/W for 4G(LTE) network and creating an internal tool that is parsing the diff results between two robot test results and visualizing the differences to catch it quickly.	
Aug 2014 - May 2016	Sergeant, Republic of Korea Marine Corps	ROKMC 2nd Div.
	The details of the work cannot be published as military secrets.	

EDUCATION

Sep 2018 - Present	Software Technology & Entrepreneurship Program, Korea University	Seoul
	Second Major(Interdisciplinary Program)	
Mar 2013 - Present	Computer Science and Engineering, Korea University	Seoul
	First major	

SKILLS

C	Experienced	C++	Skillful
JavaScript	Skillful	ReactJS	Experienced
JAVA	Experienced	Kotlin	Experienced
Python	Skillful	Django	Experienced
SQL	Experienced	HTML/CSS	Experienced

LANGUAGES

Korean	Native	English	Intermediate High
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EXTRACURRICULAR ACTIVITIES

Sep 2019 - Feb 2020	Startup Leader(Education Support Team Leader), KU Crimson Startup Support Foundation, Korea University	Seoul
	As an ambassador representing the startup support foundation of the university, planning and promoting activities inside the university to inform students, especially leading the education support team to assist entrepreneurship classes.	
Jan 2020 - Jan 2020	2020 Kokathon(Korea University Hackathon)	Seoul
	*Best Service Awards(1st place) Participating the contest, our team implemented a social service which gives notifications and recommendations for the special people of the users. As a team member, my responsibilities included implementing core functions of backend using NodeJS and supporting frontend developer.	
Dec 2018 - Jan 2019	Samsung Dream Class(Mathematics Teacher, Team Leader)	Suwon, Gyeonggi-do
	Provided middle school students with Mathematics knowledge and stayed with them during the winter camp to take care of them as a lifestyle teacher. Also led a team which consisted of twelve teachers and 40 students as a team leader.	
Jun 2018 - Jun 2018	2018 Infrastructure and Transport Big Data Hackathon, Ministry of Land, Infrastructure and Transport	Seoul
	<ul style="list-style-type: none">- Derived meaningful data from a CSV file containing position coordinates, speed, and displacement angle of each vehicle using Python Machine Learning tool- Through big data, analyzed the public transportation system and designed an algorithm to suggest a better location for bus-only lanes https://www.youtube.com/watch?v=ZgXpRZ9ekOU	

HONORS & AWARDS

Dec 2019 - Dec 2019	23rd Campus CEO Contest	Seoul
	*Received Popularity Award(2nd Prize) Participating in the Entrepreneurship Contest in the university and received awards through voting by audiences and judges	
	<ul style="list-style-type: none">- Idea : An elderly walking delivery platform to improve old people's life style who is picking up the abolition- Using technical approaches to focus on helping and solving the socially underprivileged	
Nov 2018 - Nov 2018	2018 Invent Korea	Seoul
	*CEO Award, Patent registration completed(1019775400000) Title : Energy Management System Using Drone in Facility Designing and inventing the idea for the energy management which uses drone with centered-AI system.	
Nov 2018 - Nov 2018	ACM-ICPC Asia Seoul Regional Contest	Seoul
	*20th rank As a team member, participating Asia Seoul Regional Contest of International Collegiate Programming Contest from ACM(Association for Computing Machinery)	
Sep 2013 - Sep 2013	Korea University Academic Excellence Scholarship	Seoul
	GPA 4.18/4.5 (2nd place in College of Information and Communication)	