

Yoonsang LEE

College of Liberal Studies, SNU

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i Interested in NLP and Data Mining


EDUCATION

SEOUL NATIONAL UNIVERSITY	SEOUL, SOUTH KOREA
Major: Computer Science and Engineering, Statistics	Mar 2019 - Current
GYEONGGI SCIENCE HIGH SCHOOL	SUWON, SOUTH KOREA
	Mar 2016 - Feb 2019

EXPERIENCES

Jun 2022	Sergeant Korean Augmentation to the US Army
Dec 2020	<ul style="list-style-type: none">> Serving in the Army which is mandatory in South Korea.> Selected as KATUSA based on a TOEIC Test(scored 980 out of 990).
Jan 2017	International Olympiad in Informatics Training Camp in Korea
Jul 2016	<ul style="list-style-type: none">> Summer School (29 Jul 2016 - 09 Aug 2016)> Winter School (03 Jan 2017 - 14 Jan 2017)

PROJECTS

Finding Abandoned Animals with Keywords	Jul 2019 - Aug 2019
Developed a program finding one's abandoned animal based on specified categories and similar keywords, resulting better searching than official webpage	
 Broadcasted on EBS	
Word2Vec Open API Recommendation System NLP	
Study on Correlation between National Power and Visa by Visa Network	May 2019 - Jun 2019
Constructed Visa Network and analyzed correlation between in/out degrees and GDP	
Web Crawling Gephi Clustering Data Mining	
Collaborative Filtering Recommendation System Correcting User Bias Based on Comments-Rating Relationship	Mar 2018 - Jun 2018
Suggested enhanced recommendation system using CNN trained by movie comments to unbiased user ratings	
Recommendation System CNN	
Development of Method Measuring Surface Tension of Liquid Using Leidenfrost Effect and Image Processing	Apr 2017 - Nov 2017
Calculated surface tension of liquid based on Image Processing and Edge Detection Algorithm	
Image Processing Edge Detection	

AWARDS

2018	Silver, Korea Olympiad in Informatics
2018	Bronze, Samsung Humantech Paper Award(Biology)
2017	Gold(1st place), Fall Conference of the Korean Society for the Gifted and Talented(ICT&Convergence)
2017	Best Poster Award, 2017 International Meeting of the Microbiological Society of Korea
2016	Gold(1st place), Seoul National University Data Mining Camp
2012	Silver, Korea Olympiad in Informatics

SCHOLARSHIPS

2021	Merit-Based Scholarship
2020	SNU Development Fund Scholarship, Merit-Based Scholarship, SCSC TA Scholarship
2019	Merit-Based Scholarship

TEACHING EXPERIENCE

ELECTRICAL AND ELECTRONIC CIRCUITS

Sep 2020 - Dec 2020

- Undergraduate TA
Graded 3 exams and 4 homeworks of around 150 students

PERSONAL TUTOR

Jul 2019 - Nov 2020

- Taught Mathematics, Chemistry, Programming(C++, Python) and Computer Science(Data structures, Algorithms) to high school students

INVITED TALK AT SNUE GIFTED SCIENCE EDUCATION CENTER

Jun, Oct 2019

- Introduced trend of computer science to gifted students in informatics