

YU YEOL (ANDY) LEE

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EDUCATION

Carnegie Mellon University	Pittsburgh, PA	– Fall 2020
Bachelor of Science in Chemical Engineering (Exchange Student Program)		Department GPA: 3.63 / 4.00 GPA: 3.49 / 4.00

Yonsei University	Seoul, Korea	– Spring 2022
Bachelor of Science in Chemical and Biomolecular Engineering		Department GPA: 3.56 / 4.50 GPA: 3.48 / 4.50
• Planned minor in Computer Science		

Relevant Coursework

Computer Science

CMU: Algorithms and Advanced Data Structures, Artificial Intelligence: Representation and Problem Solving,
Concepts of Mathematics, Principles of Imperative Computation
Yonsei: Engineering Information Processing, Artificial Intelligence

Chemical and Biomolecular Engineering

CMU: Reaction Engineering, Heat and Mass Transfer, Thermodynamics, Fluid Mechanics, Math. Methods for Chem. Eng.
Yonsei: Physical Chemistry, Analytical Chemistry

WORK EXPERIENCE

Explosive Management, Army, Sergeant	Cheorwon, Korea	May 2017 – Feb 2019
• Trained in explosive management and combat engineering military specialty (graduated 3 rd of over 100 trainees)		
• Leader of 4 troops for mine removal task team		

Summer Research Assistant (Carnegie Mellon)	Pittsburgh, PA	May 2020 – Aug 2020
• ARPA-E ACED DIFFERENTIATE program (Accelerated Computational Electrochemical systems Discovery)		
• Investigate implementation of adsorbate Graph Convolutional Neural Network codes and manage ASE database		

LEADERSHIP

Intern Team Leader, Business and Marketing Team, Connect Wolf	Summer 2020
• Unpaid summer internship position for wearable baby-tech start-ups	
• Conduct a competitive analysis on other baby-tech companies	
• Investigate on fund-raising information and organize the data	
• Plan strategies for social media marketing and assign posting tasks to team members	

Vice President, Computer Club, Yonsei University	Nov 2016 – May 2017
• Academic computer club in the department	
• Teach tools and skills to new members as the team excel leader	

Secretary, Yacht Club, Yonsei University	Nov 2016 – May 2017
• Make and manage the budget for the yacht club in university	
• Send out notification and manage contact with current members and old members	

Skills

Programming Skills:	Python, Scipy, ASE, PyTorch, C, Java, Selenium, Matlab, LaTeX
Technical Skills:	Electrical Wiring, Analytical Chemistry
Software Tools:	COMSOL, Jmol, Cn3D, Linux, Premiere Pro, VEGAS Pro, MS office
Languages:	Korean (native speaker), English (conversationally fluent) (TOEIC Speaking score 200/200)