

# David Park

US Citizen

✉ dpjungmin@gmail.com

☎ (213)-446-7918

in dpjungmin

🌐 dpjungmin

INTERESTS	Operating Systems, Distributed Systems, Software Security		
EDUCATION	<b>University of Southern California</b>	Jun. 2021 - May. 2023 (Expected)	
	<i>Master of Science in Computer Science</i>	Los Angeles, CA	
	<b>Hongik University</b>	Mar. 2012 - Feb. 2020	
	<i>Bachelor of Science in Computer &amp; Information Communications Engineering</i>	Sejong, Korea	
	<ul style="list-style-type: none"><li>• Graduated <i>summa cum laude</i></li><li>• Cumulative GPA of 4.31/4.5 (Major 4.43/4.5)</li></ul>		
EXPERIENCE	<b>Republic of Korea Army</b>	Nov. 2013 - Jul. 2015	
	<i>Logistic planning administration specialist</i>	Yongin, Korea	
	<ul style="list-style-type: none"><li>• Responsible for planning supply budgets</li><li>• Improved self-reliance and organizational skills</li></ul>		
SELECTED PROJECTS	<b>SQL Injection Attack Detection and Prevention using Machine Learning</b>		2018
	<ul style="list-style-type: none"><li>• Implemented a SQL injection attack filtering model using CNN for text processing</li><li>• Written in Python, PHP and used Docker</li></ul>		
	<b>Theft Prevention System</b>		2018
	<ul style="list-style-type: none"><li>• Secures items by alerting user when someone touches them</li><li>• Established machine-to-machine connection using MQTT protocol</li><li>• Written in C and used Samsung ARTIK 053 IoT Module and ARTIK Cloud</li></ul>		
	<b>CPU Scheduling Simulator</b>		2018
	<ul style="list-style-type: none"><li>• Built (in C) a CPU scheduling simulator considering both computation and I/O request</li><li>• Simulated FCFS, SJF, and RR with different time quantum</li></ul>		
HONORS AND AWARDS	<b>Single Process Monitoring Program</b>		2018
	<ul style="list-style-type: none"><li>• Displays the CPU, memory, and network usage for a single process</li><li>• Written in C</li></ul>		
	Dean's Master's Scholarship, <i>University of Southern California</i>		2021
	<b>Graduation Project Contest Award (Second Prize)</b>	Nov. 2019	
	<i>Hongik University</i>	Sejong, Korea	
	<b>Minister Award of Intelligent Electronics Competition</b>	Jul. 2019	
	<i>Ministry of SMEs and Startups &amp; Korean Institute of Power Electronics</i>	Chungnam, Korea	
	Merit-based Scholarship (80% of tuition), <i>Hongik University</i>		2019
	Merit-based Scholarship (100% of tuition), <i>Hongik University</i>		2017, 2018
	Tutoring Scholarship, <i>Hongik University</i>		2017, 2018, 2019
TECHNICAL SKILLS	<b>Languages</b>	(Proficient) C, {Java/Type}Script (Familiar) Rust, Go, C++, C#, Java, Python, HTML, CSS, PHP, Lua, SQL	
	<b>Tools</b>	Git, Docker	