

Hyunju Lee

Wonju, South Korea
dlquswn7768@gmail.com

Research Assistant

dlquswn3659.github.io
linkedin.com/in/dev-julie

I am currently working as a Research Assistant at the [Document Analysis Lab of Digital Analysis Division](#) at the **National Forensic Service** in South Korea. I am developing and researching a program that uses **computer vision** and **machine learning** techniques to analyze and classify data such as stamp images and electronic signatures. I am also writing papers related to my research. I am particularly interested in the **data preprocessing phase**, and I am focusing on areas such as **segmentation**, **feature extraction** and **3D reconstruction of computer graphics**.

EDUCATION

Undergraduate Research Intern in Image Lab, ChungAng University Jul 2020 - Sep 2020
Advisor: [Prof. Byungwoo Hong](#)

B.S. in Software Engineering, ChungAng University Mar 2018 - Feb 2023
GPA 4.09/4.50

EXPERIENCE

Research Assistant / Software Engineer Feb 2023 - (Now)
NFS, Document Analysis Lab of Digital Analysis Division

Blockchain Web3 Developer Jan 2021 - Feb 2023
Blockwave Labs.

RESEARCH PROJECTS

NFS Stamp Analysis Program Feb 2023 - Jul 2023
National Forensic Service | OpenCV, wpf

Vocal Transformation Acoustic Machine Learning Module Sep 2021 - Dec 2021
CAU Capstone Design

Hair Removal from Lesion Images Using GAN Jul 2020 - Aug 2020
CAU Image Lab

INDUSTRIAL PROJECTS

OPICscript May 2023 - (now)
An AI website for OPIC exam preparation with generated test responses

Fooding Nov 2020 - (now)
ChungAng University Dining Search Site | 50,000+ view

VR PROJECTS

Grad Escape (Unreal Engine VR Horror Escape Game) Nov 2021 - Dec 2021
CAU Virtual Augmented Mixed Reality Lecture

HONORS AND AWARDS

DeFi (2nd Place) - Invincible EVMOS Evmos-Covalent #OneMillionWallets Hackathon / Encode Club	Dec 2022
Cosmos SDK (1st Place) HackATOM Seoul 2022 / Krypto Seoul Multi-wallet dashboard 'MEPE'	Jul 2022
HackATOM Seoul 2022 Critics' Awards - Interchain Award HackATOM Seoul 2022 / Krypto Seoul Multi-wallet dashboard 'MEPE'	Jul 2022
Academic Merit Scholarship ChungAng University	2021-2
PropTech in Campus SNU 2021 (3rd Place) Korea Prop Tech Forum X SNU Graduate School of Environmental Studies	Sep 2021
PE Presentation Contest (1st Place) - Lesion Image Hair Removal Module ChungAng University DaVinci SW/AI TECH FAIR 2020	Sep 2020
Creative Fusion Design Contest (1st Place) ChungAng University X Robotics Association	Dec 2019
2019 Best Software Awards (2nd Place) ChungAng University DaVinci SW Education Institute	Nov 2019
2019 Public Interest Talent Scholarship Excellence Award (2nd Place) Seoul Scholarship Foundation	Nov 2019
2019 SKT NUGU Play Contest Encouragement Award (3rd Place) SK Telecom Voice Mafia Game Host Service 'Mafia MC'	Sep 2019
Always-On Project Contest Excellence Award (2nd Place) ChungAng University Closet Management Android Application	Nov 2018

LEADERSHIP

Software Collage Ambassador 1st Generation, Media Director Software Collage, CAU	2019
CLUG Android Cell Sub-Leader Software Engineering Academic Club, CAU	2019
Vice President of the Student Council MyongJi High School	Jul 2016 - Jul 2017

SKILLS

Tools and Languages	Python, C/C++/C#, JAVA, Javascript, Tensorflow, OpenCV, SPRING, REACT, web3.js, Unreal Engine, .NET, GO
Communication	Korean, English

VOLUNTEER

Seoul Scholarship Foundation Public Interest Talent Scholarship Lonely Death Project Volunteer Participation	Apr 2019 - Nov 2019
2018 PyeongChang Winter Olympics SID Passion Crew Gangneung Ice Hockey Center, GHC Sports Information Desk	Feb 2018

ARTICLES

- Blockchain-Enthusiast MZ Youth "Even 'Blockchain Novices' Will Create User-Friendly Web3 Platform" Jul 2022
- PropWave and Seoul National University Hold Unique 'Student PropTech' Event in Korea Sep 2021
- DaVinci SW Education Institute Holds 2020 DaVinci SW·AI TECH FAIR Online Award Ceremony Sep 2020
- Special Scholarship Recipient Story "Becoming a Scholarship Recipient for Public Good Talents" Nov 2019
- 2019 Second Half NUGU Play Development Publicity Contest Awards Ceremony, Meeting the Honorees Sep 2019