

Harry Kwon

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Skills

Programming Languages

Javascript, Typescript, Python, C#, Java, C++

Technologies

React, HTML, CSS, Qt, Node.js, Express.js, Flask, SQL, Docker, Git, Nginx



Experience



Case Western Reserve University
May 2021 - Current

Full Stack Developer - Cleveland, OH

I am developing a full-stack image analysis application for a research project at CWRU's Biomedical Imaging Laboratory using Python, Qt, and SQL Server.

NEUROZEN

Neurozen
April 2020 - January 2021

Data Engineer - Seoul, South Korea

- Responsible for generating annotations for medical image data for use in machine learning projects
- Built a semi-automated image analysis tool by implementing computer vision algorithms on medical imaging data using Python and scientific imaging libraries



Republic of Korea Air Force
April 2018 - March 2020

Administrative Assistant - South Korea

- Served as a serviceman in the Korean Air Force stationed at the Avionics Software Development Center as an administrative assistant
- Responsible for facilitating communications between different units within the center and assisted preparation of documents and briefings
- Automated several manual data entry processes such as accounting or personnel reports using Python and Excel macros
- Honorably discharged as staff sergeant rank in 2020 after completing my service



Swink
January 2018 - March 2018

Game Developer - Seoul, South Korea

- Built educational games for iOS and Android using Unity and C#.
- Responsible for programming and testing the game interface in Unity and designing a reactive UI across different devices.
- Collaborated with engineers, designers, and artists to design the app and resolve engineering challenges.



Education



Case Western Reserve University
2015 - Current

B.S. Computer Science - Expected Graduation: May 2022

- Courses in Data Structures, Algorithms, Software Engineering, Artificial Intelligence, Machine Learning, Computer Networks, Database Systems, Computer Security
- Absence from university 2018 ~ 2020 due to military service in Korean Air Force



Certifications



CompTIA Security+
Certified December 1, 2019

- Cybersecurity and troubleshooting skills certification



CompTIA Network+
Certified September 26, 2019

- Computer networks establishment, maintenance, and troubleshooting skills certification