Junho PARK

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EDUCATION

SEP 2024 - JAN 2026

University of Sheffield, UK
MA, Cybersecurity & AI
●Grade: Merit
●Modules: Machine Learning and Adaptive intelligence, Text Processing, Scalable Machine Learning, Natural Language Processing, Security of Control and Embedded Systems

MAR 2014 - FEB 2020

Sangmyung University, South Korea
Bachelor of Engineering
●Major: Information & Telecommunications Engineering
● GPA: 3.51 out of 4.50 (89.1%) – Scholarship for high GPA in 2018/1, 2 (4.0, 4.21)
● Notable Modules: IT Software Programming, Mathematics, Machine Learning etc.

TECHNICAL SKILLS

● Programming Languages: Python, Kotlin, Java
● Operating System: LINUX, MacOS, Windows
● ROS2, Gazebo, SNN control, event-based vision, Edge deployment
● Others: Docker, Jira, Git, Confluence, TensorFlow

WORK EXPERIENCE

AUG. 2022 – JUL. 2024

42dot – Affiliates of Hyundai Motor Group
Android Engineer at Software Engineering team
● *42dot*, A company that specializes in self-driving mobility and develops internal software.
● Spearheaded the development of a groundbreaking mobile application for summoning and controlling autonomous vehicles, catering to the emerging self-driving transportation sector.
● Leveraged state-of-the-art map SDKs to provide real-time location tracking and mapping capabilities, enhancing user experience.
● Utilized cutting-edge routing technology to enable efficient and safe navigation for autonomous vehicles, ensuring passenger safety and optimal travel routes.
● Collaborated closely with a multidisciplinary team, including engineers, designers, and product managers, to ensure seamless integration of software components and functionality.

DEC. 2019 – JUL. 2022

Data Universe - Seoul
Software Engineer at Software Development team
● *Data Universe*, develops applications to address social issues, such as financial fraud and the challenges associated with and aging population.
● Responsible for development of all application components
● Architected and orchestrated the application's structure, seamlessly integrating critical components.
● Working in a start-up, I was involved in the development of various applications spanning across multiple platforms, including Android, iOS, crawling programs, and AI applications.

SELECTED PROJECTS

AUG. 2022 – JUL 2024

42dot – Autonomous Driving Android Application (for careers)
● An Android application tasked with roles like control, summoning, and service provision within autonomous vehicle internal software.

●Architecture Configuration and Development
●Integration with various APIs and libraries both internal and external to the company
●Business logic development for a flexible and efficient application
● Using Skills: Android Development, Map SDKs, Visualizer Tools, Advanced Routing Technology, etc.

JUN. 2021 – DEC 2021	**Data Universe - Family Support Services App (for careers)** ●An app to protect the elderly from the effects of aging ●User-friendly UI/UX development ●Integration with various health APIs and libraries ●Development of health data crawling using Python ● Using Skills: Android Development, Internal database linkage, External network communication, etc.
MAR. 2018 – JUN 2018	**Embedded Systems Project (Awarded in School Competition) - Smart Glasses** ● Developed a project as part of an embedded systems course, aimed at creating assistive technology for visually impaired individuals. ● Designed "Smart Glasses" for the visually impaired, incorporating technologies like Speech-to-Text (STT), Text-to-Speech (TTS), Google Assistant, and Google Vision APIs. ● Utilized TensorFlow for deep learning and OpenCV for image recognition to enhance the functionality of the glasses. ● Using Skills: Google APIs, TensorFlow, Anaconda3, etc. ● Components: Raspberry Pi3, Ultrasonic sensor, etc.

CERTIFICATE

2019	Korean Certificate of Data Processing Engineer