Hawon Park

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Work Experience

AI2S Lab / ZeroClassLab | Research Assistant   **Sept 2021 ~ Present**
- Currently developing an Android application that uses AR and ArUco markers to detect full containers on factory racks with 90% accuracy
- Created an Android application that tracks and logs a user's GPS location with an accuracy of 5 meters

Fd Holdings | Full Stack Developer   **May 2021 ~ July 2021**
- Built an internal platform that aggregates cryptocurrency data in real time from South Korea's top four cryptocurrency exchanges
- Implemented search engine optimization for FD Holding's O2 Pilates platform on Google / Naver

v-ETHOS Program, World Bank | Intern   **April 2021 ~ May 2021**
- Automated Zoom Meeting scheduling between 27 startups and 10 mentors for the 2021 v-ETHOS program via Zoom API

Republic of Korea, Army | ATCIS Operator   **Oct 2019 ~ April 2021**
- Maintained a closed military network with 99% uptime using automated unit tests and daily backups

State University of New York, Korea | Natural Language Processing Researcher   **Sept 2018 ~ Aug 2019**
- Developed a language corpus focused on Korean patent documents by analyzing over 200 existing documents
- Adjusted Google's SyntaxNet for NLP analysis of Korean patent documents with 94% accuracy

CEWIT Korea | Android Developer   **July 2018 ~ Dec 2018**
- Adapted Dijsktra's Algorithm to calculate a travel itinerary based on the user's choice (public vs private transportation, shortest time vs shortest distance, etc)

Technical Skills

- **Languages**: Java, Javascript, Python, C
- **Technologies**: React, Node, Django, Flask, Google Firebase, MySQL, Android Studio
- **APIS**: Rest API, OAuth, Auth0

Education

Stony Brook University / State University of New York, Korea   **Expected June 2022**
Bachelor of Science, Computer Science
- **Selected Coursework**: Computer Vision, Computer Networks, Compilers
- **Awards**: Merit Scholarship for 8 terms | Student Ambassador (2018 ~ 2019)

Leadership

President | SUNY Korea Computing Society   **Feb 2022 ~ June 2022**
- Coordinated a 24 hour web / mobile development hackathon for 40 participants with a theme on elevating social awareness