

Jihyeon Park

SOFTWARE ARCHITECT · CIVIL ENGINEER

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“ A math and computer loving student. ”

Education

Hanyang University

B.S. IN CIVIL AND ENVIRONMENTAL ENGINEERING

- Want to get a scholarship which is given to promising students in CEE Dept. some other days...

Seoul, S.Korea

Mar. 2018 - PRESENT

Kyungpook National University

DROPPED OUT

Daegu, S.Korea

Mar. 2017 - Jun. 2017

Skills

DevOps AWS, Docker, Kubernetes, Vagrant, Packer, Terraform, Jenkins, CircleCI, BIM(Revit)

Back-end Koa, Express, Flask, REST API

Front-end React, HTML5, SCSS

Programming Node.js, Python, C#, ~~L^AT_EX~~

Languages Korean, English, German

Experience

Undergraduate Research, Construction Informatics and Computing Lab (Prof. SangUk Han)

RESEARCHER & SOFTWARE ENGINEER

Seoul, S.Korea

Jun. 2021 - PRESENT

- Researched on integrating reinforcement learning into discrete event simulation to assist the decision-making and implemented in Python an interactive simulator.
- Researched and developed image-to-BIM localization and registration of depth map on XR device.

Naval Operations Command, ROK Navy

SOFTWARE ENGINEER (COMPULSORY MILITARY SERVICE)

S.Korea

Feb. 2019 - Nov. 2020

- Lead engineer on *** managerial system that can receive the information throughout the force and analyze its big data.
- Implemented an indoor positioning system that tracks the device through the neighboring signals.

Wild Asia-Pacific Network

WEB DEVELOPER

S.Korea

- Built and managed a website in PHP for Wild AP Foundation.

Daegu Metropolitan Office of Education

SOFTWARE ENGINEER TRAINEE

Daegu, S.Korea

Mar. 2013 - Dec. 2013

- Took lessons on algorithms and OS, and developed the calculator of a step-by-step approach to calculus and simple 64-bit OS.

Honors & Awards

2020 **3rd Award**, MND Startup Challenge

S.Korea

2017 **Academic scholarship**, Kyungpook National University

S.Korea

2015 **Outstanding paper award**, Daegu-Gyeongbuk Scholar's Conference for Youth

Daegu, S.Korea

2013 **3rd Award**, Korea Olympiad in Informatics

S.Korea

Program Committees

2018 **Staff**, UCPC 2018

S.Korea