Ji Woong Park

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EDUCATION

Purdue University	West Lafayette, IN
Bachelor in Computer Science (Software Engineering)	2023/05 (Spring)
	GPA:3.27/4.00

RELEVANT EXPERIENCE

Fasoo Inc.	Seoul, Korea
Software developer Intern (9 weeks)	06/2022 - 08/2022

- Conducted agile project on prediction of analysis time of Static Application Security Testing (SAST) software. Most of the clients were dissatisfied with the vague time cost of SAST. I parsed the source code and analyzed what aspects of source code affect the analysis time. Then, I used the aspects of source code to feed a machine learning algorithm. Eventually, I attained 92.4% of performance and resolved the client's needs.

ADDITIONAL EXPERIENCE

Republic of Korea Army	Yangju, Gyeonggido
Sergeant Vertical-Horizontal Control Operator	11/2020 - 04/2022

- Squad Leader of 4 soldiers providing operational support and leadership.
- Operated M114 155mm towed Howitzer.
- Had 3 successful practice firing with 100% accurate hit at first fire.
- Trained the reserve forces to be able to be ready for war.

2020 BigContest Creative Idea area - Data Analysis

Data Analyst, App developer

- Given the data of various data, I was responsible for check the trend and analyze what has changed after COVID-19
- Selected NumPy, Pandas, and Matplotlib, I summarized what people are tending to do and what has been changed mostly.
- I made the facts that support our entrepreneurship idea.
- Finally, I made Android app for our idea by using Kotlin to show what we are really trying to make.
- Advanced to a final contest

PROJECT EXPERIENCE

Cross-platform Application development	
Self-Project	09/2021 - 11/2021

- Built dictionary app using React Native that allowed users to search words by clicking a word while reading a pdf file or e-books.
- Added functionality of vocabulary memorizing system. It helps users to memorize words efficiently.
- Released to people around me for free. But not on the app stores

Environmental issue monitoring application (Argus)	Purdue University
CS 307 (Agile project)	08/2022 – 12/2022

- Built website using ReactJS, Django, and Mysql that can be visited via www.the-argus.com
- All-in-one environmental monitoring application, which is designed to be minimal, intuitive, and fast to use.
- Adopted machine learning algorithms to predict climate activities and other environmental activities (temperatures, rising sea levels, and greenhouse gas emissions)

Enhanced scheduling mobile application (Campus Buddy) Purdue
University
CS 407 (Agile project) 01/2023 – Current
- Created a cross-platform mobile application using React Native technology.
- Incorporated Firebase for cloud-based NoSQL database management
- Utilized algorithms such as Hash, Priority Queue, Stack and various search algorithms for optimized data management and scheduling.

SKILLS

- Git
- C/ C++
- Python / R (data analysis)

- Java
- Scala
- ReactJS / NodeJS

- Problem Solving
- Kotlin
- React Native