

Seunghwan Hong

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Professional Experience

Jininsa Company, Software Engineer

Jun. 2017 – present

PororoT: Social Intelligence Robot with appearance of 'Pororo'

- Rule-based chatbot decision framework
 - Implement a framework to make the appropriate conversation with user for a given situation
Python 3, SQL, Redis, Docker
- RESTful API server framework for mobile application
 - Implement API services for communication with chatbot server and managing user information
Flask, Redis
 - Containerize all infrastructures and make a set of scripts for controlling containers
Docker, Shell script
- Landing website for company and PororoT
 - Automate 'News' and 'People' sections for frequent update base on JSON
jQuery, Javascript

2016 Creative & Challenge R&D Business, Project Manager

Jun. 2016 – Dec. 2016

Middle language for block-based programming language

- Compiler
 - Implement language compiler which compiles Mocca code to parse tree and Python.
C#, Compiler-Compiler

Technical Skills

Languages: Python, Javascript (fluent); C++, Java (working knowledge)

Frameworks / Platforms: Flask (Python 3.x), Redis, socket.io, jQuery, Vue.js

Other Skills: HTML, CSS, MySQL, XML (comfortable); Docker, React.js

Education

Kookmin University (Seoul, Korea, the Republic of.)

2016 – present.

Undergraduate (2nd grade completed) in Computer Science

Publications

Seunghwan Hong, Dong-Gyu Kim, Geon Son, Domin Kim, Soochurl Shin, Dujin Jeong, Rina Choi, Minsuk Lee, *Studying OPEG Score Development for Learning Open source Software Development Practice*, Korea Computer Congress 2017 (KCC 2017), Busan, Korea, the Republic of, 2017.

Coursework Technology Experience

Open Source Software, Kookmin University 2017

Built WebSocket based real-time game server, with using Python, Flask and various game server techniques like dead reckoning and matchmaking system.

Honors and Awards

Prize of Ministry of Science and ICT (1st Place)

2016 Creative & Challenge R&D Business, Ministry of Science and ICT (Dec, 2016)

4th Place (National Competition)

2015 Korea Olympiad in Informatics (Oct, 2015)