Hyeon Jeon | CV

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Education

Academic Qualifications

Undergraduated Student, Computer Science & Engineering   **Pohang, Republic of Korea**
POSTECH (Pohang University of Science and Technology)   *Mar.2016 – Current*
- Minor in *Mathematics*
- Planning to graduate in *June, 2020*. (Early Graduation)
- Major GPA: 4.04 / 4.3

High school Graduation   **Seoul, Republic of Korea**
Hana Academy Seoul   *Mar.2013 – Jan.2016*

Research Interest

Algorithms, Data structures, Graph Theory and their applications in Real-world problem
Software Design, and the ways for improving *Software Development Productivity*

Experience

Research Experiences

Computer Vision Lab   **Pohang, Republic of Korea**
POSTECH (Pohang University of Science and Technology)   *Jan.2019 – Feb.2019*
Research Student *(Advisor: Prof. Minsoo Cho)*

Geometric Algorithms Lab   **Pohang, Republic of Korea**
POSTECH (Pohang University of Science and Technology)   *Jun.2019 – Aug.2019*
Research Student *(Advisor: Prof. Heekap Ahn)*

Project

C/C++ MATH Formula Viewer – VScode Extension
Personal Project   *Dec.2019 – Jan.2020*
We can use useful mathematical functions in C/C++ by including `math.h` or `cmath` library. However, it is hard to recognize the full functionality of the function at a glance if the function call is deep and complex. Therefore, I developed VScode extension which parses the math function and its arguments recursively and hovers the generated Unicode-style math formula. Refer Github Repository for the detail, and check the product in the marketplace.

BCRiders – Blockchain-based Delivery Platform
POSTECH-YONSEI SNS Program   *Jun.2019 – Jul.2019*
I developed web service, which efficiently, safely provides online food delivery and review system with the undergraduate students from *Yonsei University*. We used the blockchain and smart contract functionality supported by Ethereum. Refer Github Repository for the detail. *(Advisor: Prof. James Wonki Hong)*

Vivim – Nice, Convenient vim plugin for IntelliJ IDEA
Started from POSTECH Software Design Methods (CSED332) term project   *Sep.2019 – Current*
I developed a convenient, simple, easy-to-use vim plugin that can be used in IntelliJ IDEA. The goal of the product is to eliminate unnecessary complexity of the original vim editor/plugin, and to improve the productivity of code generation. Now preparing to release. Refer Github Repository for the detail.

Teaching Experiences

Mentor of SMP (Student Mentoring Program)   **Pohang, Republic of Korea**
POSTECH (Pohang University of Science and Technology)   *Feb.2017 – May.2017*
Taught *Calculus* (MATH110) to freshmen

Tutor of CSE Turing Program   **Pohang, Republic of Korea**
POSTECH (Pohang University of Science and Technology)   *Sep.2019 – Dec.2019*
Taught *Automata & Formal Languages* (CSED341) to the students majoring in CSE

Academic Experiences

Exchange Student   **Seoul, Republic of Korea**
Sookmyung Women's University   *Jun.2018 – Jul.2018*

Personal Data

Skills

Programming Languages:
- c/cplusplus, Java, Python, ocaml, solidity, javascript, typescript, swift

Available Tool & Environments:
- html / css, Apache Web server
- Ethereum, web3js
- GUI Libraries (applet, swing, Qt...)
- pytorch
- Editor plugin Development (IntelliJ IDEA, VScode)

Language:
- First Language Korean
- Fluent in English

Personal Interests

Traveling:
- Visited *USA, Canada, Australia, Japan, China, Thailand, Vietnam, India, Ireland, England, Northern Ireland, Wales, Italy, France, Austria, Luxembourg, Belgium, Netherlands, Germany, Spain, Swiss...*
- Received the certification of finishing *Camino de Santiago (The Road to Santiago)*.

Music:
- Amateur Guitarist & Composer

References

Prof. Youngju Seo
Dept. of Computer Science & Engineering, POSTECH   *Undergraduate Advisor*

Compiled in January 4, 2020