**Jun Beom Lim**

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TECHNICAL SKILLS

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| **Language** | **OS & Software** | **Interests** |
| ∙ C  ∙ Python  ∙ JavaScript  ∙ JDBC/MySQL | ∙ Linux  ∙ Windows 8  ∙ Ms Word/Excel/PowerPoint | ∙ Server Managing  ∙ Problem solving  ∙ Data structures and algorithms |

EMPLOYMENT

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| **Software Engineer** | **H2O System Technology Co., Ltd.** | **July 2021 ~ Present** |
| ∙ Developed a Commodity Trading HTS Platform that for small business owners  ∙ Made a display to use JavaScript by using company’s own internal software that coded in C++  ∙ Developed transaction services that declared database I/O and queries by using C  ∙ Created tables in MariaDB by using MySQL Workbench | | |
| **DevOps Engineer** | **Shinyoung Securities Co., Ltd (Dispatch Consultant)** | **May 2022 ~ Present** |
| ∙ Maintained MCI(Multi Channel Interface) system that manage client access, stock order and quote inquiry  ∙ Developed a shell script that can analyzed the log when clients access, and the steps for search have been reduced from step 4 to step 1, and the search time has also been reduced by 25%  ∙ Developed load generators that can tpcall to OLTP (Online Transaction Processing) and allows clients to connect to the MCI system via tcp connect, and analyzed the results for measure TPS  ∙ Developed and tested a new transaction(TR) that requires personal information inquiry after validation of the public certificate, and used gdb to solve the errors that occurred during test  ∙ Familiarity with Linux bash, shell scripting, socket(TCP/UDP/IP) programming, or multithreading development  ∙ Operation and maintenance using Linux commands such as crontab, ps, netstat, gdb or strace | | |
| **Software Engineer** | **Yuanta Securities Co., Ltd (Dispatch Consultant)** | **February 2022 ~ April 2022** |
| ∙ Participated in the project that upgrading java framework in Yuanta’s middleware system  ∙ Decomposed java framework and created a functional processing flow diagram and detailed description documents using MS Office  ∙ Upgrading java version to java 8 by using eclipse and proceeding with java framework testing and fix errors that occur when testing  ∙ Reduce compilation time by 75% by developing compiler options that can compile only edited or added sources, and commit them to the SCM(Software Configuration Management) system | | |

EDUCATION

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| **Seoul, Republic of Korea** | **Hansung University** | **March 2015 ~ February 2022** |
| ∙ Bachelor’s Degree of IT Convergence Engineering – Major of Intelligent Systems | | |

TECHNICAL PROJECTS

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| **Senior Engineering Capstion Project** | **Hansung University** | **March 2021 ~ June 2021** |
| ∙ Implemented a smart farm system that can automatically control the growing environment of crops. Within the system, when webcam distinguishes the presence or absence of cherry tomatoes or the degree of ripening, the robotic arm is operated to harvest the cherry tomatoes.  ∙ Crawling the Image of cherry tomatoes and labelling using javascript and python codes. Learning the degree of ripeness of cherry tomatoes. Imported Tensorflow and OpenCV as python code with the learned module and developed an artificial intelligence object detection code through webcam.  ∙ Developed python code by importing Pyfirmata that can control Arduino in Windows environment | | |
| **Hansung Engineering Competition Contest** | **Hansung University** | **July 2019 ~ September 2019** |
| ∙ A specific beach garbage, such as discarded cans, was trained with AI module. By attaching a webcam to the RC car, it was taught using a joystick to move freely in a specific space. Made it possible to discover the garbage learned through a webcam.  ∙ After 3D modeling of the parts that will be able to collect beach trash, 3D printing and attaching it to the RC car. When the RC car is moving in a specific space and finds garbage, the embedded system is collecting the garbage and to dispose of the garbage in the designated area. | | |

AWARDS EXPERIENCE

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| **Hansung Engineering Competition Contest** | **Hansung University** | **September 2019** |
| ∙ 4th place | | |

WORKING VISA

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| **Open Work Permit** | **Canada Working Holiday Visa** | **April 2023 ~ April 2024** |