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|  | Jiun, Bae  Student. Interested in Artificial Intelligence and Data Science.  Have experienced handling huge data for analyze and configure distributed processing system using docker or cloud instances.  Studying machine learning and publish services using computer vision and NLP. |
|  | |  |  | | --- | --- | | [blog.maydev.org](https://blog.maydev.org/) | Seoul, Korea | | [github.com/MaybeS](https://github.com/MaybeS) | [maytryark@gmail.com](mailto:maytryark@gmail.com) | | [linkedin.com/in/maydev](https://linkedin.com/in/maydev) | +82 10 3804 4496 | |
| Education | Computer Engineering @ Yonsei Univ. (2014.03 ~ 2015)  Computer Science and Engineering @ Hanyang Univ. (2015.03 ~) |
| Experience | Participate algorithm competitions  Practice Kaggle competitions  Contribute open source project [CS231n Translation](http://aikorea.org/cs231n/), [Naver](https://github.com/naver)  ALOHA: Hanyang Univ. Algorithm Club (2015.03 - )   * Host on Hanyang Univ. algorithm competition   ICEWALL: Hanyang Univ. Student Cert. (2015.03 - )   * Web site penetration test   Developer at [Perigee](https://perigee.cc/) Rocket LLC. (2015.03 – 2018.06)   * Develop flight software and firmwares   Mentee at [SW Maestro](http://swmaestro.kr) (2016.06 – 2017.07)  Internship at [mapianist](https://www.mapianist.com/main) (2017.07 - 2017.08)   * Optical music sheet recognition   Overseas training at [Draper UIniv.](https://www.draperuniversity.com/) (2017.08 – 2017.09)  Internship at [Computer Vison Lab](http://cvlab.hanyang.ac.kr/) in Hanyang Univ. (2017.09 - )   * Single object tracking using OTB dataset * Multi object tracking based on MDNet   Internship at Naver Webtoon Research (2018.09 -) |
| Achievements | ACM ICPC 16th prize (*Daejeon regional*)  [Google Machine Learning Challenge 2017](https://mlchallenge2017.com/) 5thprize |
| Projects | [Object tracking](https://github.com/MaybeS/MAT4015) (MAT4015 @ Hanyang Univ.)  Implement Mean shift object tracking (C++)   * Dynamic search area with auto scaling * Real-time back projection |
|  | [Deep Check](https://github.com/SW7THML) (SW Maestro)  [Face detection](https://github.com/MaybeS/face-detection) (Improve of YOLO, Python)   * Modify hyper parameters (increase grid size) * Image Argumentation * Ensemble multiple models * Concatenation search area   App (React-Native)  API server (Flask, Ruby on Rails) |
|  | [Memento](https://github.com/memento7) (SW Maestro)  Crawling news and web-documents (Scrapy, Python)   * Construct distributed processing system (docker) * Prevent duplicate collection using ElasticSearch   Natural Language Processing   * Morphological analysis (konlpy with custom dictionary) * Using extracted stop words from crawled data * Vector embedding with doc2vec   Clustering word vector   * Ensemble hierarchy cluster, k-mean, …   Named Entity Recognition |
|  | [MariaDB Scalable Lock Manager](https://github.com/MaybeS/ITE4065/wiki/Project4) (ITE4065 @ Hanyang Univ.)  Latch-Free lock management (C/C++)   * Atomic lock insertion, deletion   Reusable object pool with garbage collector  Increase select query performance more than 40% |
| Skills | |  |  |  | | --- | --- | --- | | **Languages** |  | | | Python, C/C++, JAVA, C#, JS | | Use for commercial service | | Haskell, R, Ruby | Try for personal projects | | | **Database** |  | | | MySQL, Elasticsearch |  | | |  |  | | |