

Bae Jiun

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Objective	Data Scientist, Student. Interested in Artificial Intelligence
Experience	<p>Algorithm Competitions (ACM ICPC, Facebook Hacker Cup, Google Codejam)</p> <p>Kaggle Competitions (titanic, right whale recognition, sf crime, ...)</p> <p>Contribute open source project <u>CS231n Translation</u>, <u>Naver</u></p> <p>ALOHA: Hanyang Univ. Algorithm Club</p> <ul style="list-style-type: none">- Host on Hanyang Univ. algorithm competition <p>ICEWALL: Hanyang Univ. Student Cert.</p> <ul style="list-style-type: none">- Web site penetration test <p>Developer at <u>Perigee</u> (2015.03 -)</p> <p>Developer at <u>SW Maestro</u> (2016.06 – 2017.07)</p> <p>Internship at <u>mapianist</u> (2017.07 - 2017.08)</p> <p>Internship at <u>Computer Vision Lab</u> in Hanyang Univ. (2017.09 -)</p>
Achievements	<p>ACM ICPC Daejeon regional 16th</p> <p><u>Google Machine Learning Challenge 2017 5th</u></p>
Projects	<p><u>Object tracking</u> (MAT4015 @ Hanyang Univ.)</p> <p>Implement Mean shift</p> <ul style="list-style-type: none">- Dynamic search area with auto scaling- Auto resize object box- Update color histogram- Real-time back projection

Deep Check (SW Maestro)

Face detection (Improve of YOLO)

- Modify hyper parameters (increase grid size)
- Image Argumentation
- Ensemble multiple models
- Concatenation search area

Face recognition (VGG)

App (React-Native)

API server (Flask, Rails)

Sort (game powered by unity, android, iOS)

client and server communications (using RESTful API on AWS EC2)

Social Login with Facebook, Email ...

Uploaded at Google Play Store

Memento (SW Maestro)

Crawling news and web-documents (Scrapy)

- Construct distributed processing system (docker)
- Prevent duplicate collection

Natural Language Processing

- Morphological analysis (konlpy with custom dictionary)
- Using extracted stop words from crawled data
- Vector embedding with doc2vec

Clustering (scipy, sklearn, hcluster, ...)

- Construct distributed processing system (docker)
- Ensemble hierarchy cluster, k-mean, ...

Named Entity Recognition

MariaDB Scalable Lock Manager (ITE4065 @ Hanyang Univ.)

Latch-Free Lock Management

- Atomic Lock Insertion, Deletion

Reusable Object Pool

Education	Computer Engineering @ Yonsei Univ. (2014.03 ~ 2015)
	Computer Science and Engineering @ Hanyang Univ. (2015.03 ~)
	<u>Draper University</u> (2017.08 – 2017.09)
GPA	Major: 3.92, Total: 3.57
Skills	Major at Python, C/C++, C#, JAVA, JS
	Little at Haskell, Ruby, LISP
	Familiar ML frameworks: tensorflow, keras, tflearn, ...
Contacts	<u>GitHub: MaybeS</u>
	<u>Blog: blog.maydev.org</u>
	<u>LinkedIn: maydev</u>