

Resume

Profile

배지운 (bae jiun)

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Experience

Hold Hanyang Algorithm Competition (HCPC)

Take part in many Algorithm Competitions (SCPC, HCPC, LG Code Challenge, Facebook Hacker Cup, Google Codejam)

Led study and mentoring (C, C++, OOP, Python, Flask and web)

Kaggle Competitions (MNIST, titanic, right whale recognition, sf crime)

Contribute open source project [CS231n Translation](#)

Internship at [mapianist](#) (2017.07 - 2017.08)

Developer at [Perigee](#) (2015.03 -)

Achievements

ACM ICPC Daejeon regional 16th

Projects

[Object tracking](#) (at probability and random processes class)

mean shift (performance more than opencv default)

dynamic search area (auto scaling)

auto resize object box

update color histogram

back projection

[Deep Check](#) (at SW Maestro)

[Face detection](#) (Improve of YOLO)

Modify hyper parameters (increase grid size)

Image Argumentation

- Ensemble multiple models
- Concatenation search area
- Face recognition (Improve of VGG Net)
- App (React-Native)
- API server (Flask)

Sort (game powered by unity, android, iOS)

- Unity game design
- client and server communications (using RESTful API on AWS, R3)
- Social Login with Facebook, Email ...
- Uploaded at Google Play Store

Memento (at SW Maestro)

- Crawling news and web-documents (Scrapy)
- NLP (genism, konlpy, nltk, ..., doc2vec)
- Modify NLP library for handle Korean
- Extract stop words from data
- Improve morphological analysis using custom dictionary
- Clustering (scipy, sklearn, hcluster, ...)
- Multiprocessing to improve performance
- Customize doc2vec, using custom dictionary
- Hcluster threshold improve itself using ensemble
- Named Entity Recognition
- Emotion Extract
- ElasticSearch for documents

Education

- Computer Engineering @ Yonsei Univ. (2014.03 ~ 2015)
- Computer Science and Engineering @ Hanyang Univ. (2015.03 ~)
- ICEWALL (student cert)
- ALOHA (algorithm research club)
- OOParts (game develop club)
- SW Maestro 7th (2016.06 ~ 2017.07)

Grade	1 – 1: 3.68
	1 – 2: 3.60
	2 – 1: 3.56
	2 – 2: 3.44
	Major rating: 3.92
	Cumulative Rating: 3.57
Skills	Major at Python, C/C++, C#, JAVA, JS (node, JQuery)
	Little at Haskell, JS (react), React-Native
	DB: MySQL, ElasticSearch
	Used ML Frameworks: tensorflow, caffe, theano, keras, ...
Contacts	Github