

Photo Ha Junsoo (河俊秀)

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PERSONAL DETAILS

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INTERESTS

Python and Javascript
Free and open source software
Statistics and machine learning
Functional languages
CLI tools

EDUCATION

Hanyang University (Seoul)

- ▶ B.S. in Software Engineering, May 2013 ~
- ▶ B.S. in Mathematics, Aug 2014 ~

Coursera (Internet OCW)

- ▶ Machine Learning, Andrew Ng (Stanford)

TECHNOLOGIES

Python:

- ▶ Django, Flask, SQLAlchemy, Celery, asyncio, Crossbar, Autobahn

Javascript:

- ▶ Backbone, React, Redux, Immutable, Electron, ES6, Webpack, Autobahn

Database:

- ▶ MySQL, PostgreSQL, SQLite, Redis

Others:

- ▶ Bash, GNU Make, Git, Travis CI, Coveralls

OPEN SOURCE PROJECTS

[news:](#)

Asynchronous web subscription engine

- ▶ Technologies: asyncio, aiohttp, Redis, Celery
- ▶ Features:

- * Built on top of asyncio and aiohttp. So yes - it's asynchronous and fast.
- * Supports pluggable backends, including Django ORM and SQLAlchemy.
- * Supports optional schedule persistence via redis.

[anchor:](#)

Desktop application for web contents curation service built on top of [news](#) (work in progress)

- ▶ Technologies:
 - * Backend: Flask, SQLAlchemy, Celery, Redis, Crossbar, Autobahn
 - * Frontend: Electron, React, Redux, Immutable, ES6, Webpack, Autobahn
- ▶ Features:
 - * Schedulable web subscription with fine grained user options.
 - * Recommender system based on simple neural network classifier.
 - * Realtime notifications.

[django-record:](#)

Automagically takes snapshots of model instances on their both direct and indirect changes

- ▶ Technologies: Django ORM
- ▶ Features:
 - * Provides simple mixin which gives auto recording functionality to models.
 - * Supports auto recording for both direct and indirect changes of model instances.
 - * Properties that return python primitives can be recorded.

[vim-guerilla:](#)

Minimal vim configuration for guerilla devs

- ▶ Technologies: Bash, Batch Script, VimL
- ▶ Features:
 - * Works on any platform where vanilla vim exists
 - * Create a backup on deployment and removes it on retreatment

[backbone.csrf](#)

Small module for CSRF protection compatible XHR requests from Backbone ORM

- ▶ Technologies: Javascript
- ▶ Features:
 - * Provides CSRF protected backend compatibility to Backbone models
 - * Supports both CommonJS & AMD specifications

EXPERIENCE

LG Electronics (서초 R&D Center)

Software Development Intern, July 2014 ~ August 2014

- ▶ Technologies: Python
- ▶ Works:
 - * Developed .xls table parser and JIRA API wrapper for uploading excel files to JIRA issue tracker.
 - * Automated team's issue reporting system with the JIRA API wrapper.
 - * Tested LG smart TV ported version of WebOS.

Nexol System

Software Development Intern, Jan 2015 ~ Mar 2015

- ▶ Technologies: Android, Struts2
- ▶ Works:
 - * Developed mobile android CMS application for Samsonite. Korea.
 - * Developed and maintained Struts2 powered backend's CMS validation system for Samsonite. Korea.

Geopia

Software Developer (Substitute of mandatory military service), Apr 2015 ~ Present

- ▶ Technologies: Android, PHP
- ▶ Works:
 - * Developed 결신 mobile android application and it's backend from scratch.
 - * Maintained handful of android applications for mobile dating / chat services.