# Ha Junsoo (河俊秀)

## 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

## 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 Delveopment 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 (Substitue 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.