# JAMIS M. JOHNSON

jamiis.me | jamismanwaring@gmail.com | github/jamiis

## Education

M.S. Computer Science (Machine Learning focus), Graduate Spring 2015, GPA: 3.61
Columbia University, New York, NY

B.S. Applied Mathematics, B.S. Computer Science, May 2012, GPA: 3.49
University of Utah, Salt Lake City, Utah

## Employment

HackNY, Summer Fellow / Seen.co, Fullstack Software Engineer Intern, Summer 2014
   - Created a crawler, ranking algorithm and dashboard to intelligently manage new events
   - Development was in Ruby/Sinatra, Python/scrapy, JavaScript, CSS, and MongoDB

HireVue, Fullstack Software Engineer, Dec 2011 - July 2013
   - Refactored poor backend Django code and built out our RESTful API
   - Completely rewrote our front end in AngularJS

Descue, iOS Engineer, Sept 2012 - Feb 2013
   - Created an HIV/AIDS-detection prototype for an early-phase bioengineering startup
   - Programmed and designed app UI and bluetooth networking between the device and phone

## Projects

Movie Explorer, find something to watch by spatially exploring similar movies
   - Flask backend talks to Rotten Tomatoes and YouTube APIs
   - Front end utilizes D3.js and Knockout.js

Repommender, a Github repository recommendation system, Fall 2014
   - Recommendation based on implicit collaborative filtering via Spark, pyspark, and MLlib
   - Wrote a durable, long-running script to extract user-to-repo stars from Github's database
   - Front end libraries used: CoffeeScript, Jade templates, Skel styling, Font Awesome icons

QUARK, Programming Languages and Translators Project, Fall 2014
   - Implemented a compiler and language in OCaml and C++ for simulating quantum circuits

Undergrad Senior Competition, 1st Place of 25 Teams, Spring 2012
   - Designed and programmed an iOS app for scientific image and video processing
   - Wrote the processing library in C from scratch and integrated Apple's A/V foundation

## Skills

| | |
|---|---|
| Strong: | Python, Unix, Vim, Git |
| Experienced: | Haskell, OCaml, JavaScript, R, Objective-C, Ruby, C, C++, Java, Matlab |
| Frameworks/Libs: | Pyspark, Numpy, Node, Express, Django, Flask, Scrapy, Scipy, South, PyTest, MongoDB, AngularJS, Yeoman, Sinatra, Bootstrap, Postgres |

## Interests

I love my motorcycle, skateboarding, NYC history and architecture, crosswords, economics, and stand up comedy. Also, I brew a batch of beer on occasion.