

JAMIS M. JOHNSON

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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

[Paperspace](#), System Architect & Fullstack Engineer, Summer 2015 - Present

- Deploying scalable metrics monitoring and visualization for all of our distributed services
- Docker, [InfluxDB](#), [grafana](#), [collectd](#), [StatsD](#), nginx

[HackNY](#), Summer Fellow / [Seen.co](#), Fullstack Software Engineer Intern, Summer 2014

- Created a crawler, ranking algorithm and dashboard to intelligently manage new events
- Python/[scrapy](#), JavaScript, Ruby/Sinatra, and MongoDB

[HireVue](#), Fullstack Software Engineer, Dec 2011 - July 2013

- Refactored poor backend Django code and built out our RESTful API
- Completely rewrote our frontend in AngularJS

[Descue](#), iOS and Bluetooth Engineer, Sept 2012 - Feb 2013

- Created an HIV/AIDS-detection prototype for an early-phase bioengineering startup

Projects

[Movie Explorer](#), find something to watch by spatially exploring similar movies

- Flask backend talks to Rotten Tomatoes and YouTube APIs, frontend 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
- 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: Docker, Numpy, Spark/Pyspark, Torch7, Theano, Node, Django, Flask, Scrapy, MongoDB, InfluxDB, Postgres, AngularJS, everything above, and a lot more

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.