

Robert Kuykendall

CS M.Sc. from Columbia University in the City of New York, SEAS May 2015
CS B.Sc. & Honors Studies minor from Texas State University, December 2012

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Work History

Engineer at Thinkful

05/2014 - 08/2014

Python + Flask

- Created skeleton for all new applications and began the transition from a single large application to a service oriented architecture.
- Rewrote ad analytics app to process exponentially growing records.

Researcher at UCONN

05/2012 - 08/2012

Java + Android

- Researched mobile health security with Dr. Demurjian at the University of Connecticut as part of an NSF/DoD REU program in Trustable Computing.
- Created permission management view for *Personal Health Assistant* application, with SOAP API and 4.x UI code compatible down to 2.x.

Developer at Digett

05/2009 - 08/2013

PHP + Drupal + jQuery

- Migrated company from single bare-metal box onto early cloud hosting.
- Developed Drupal modules for custom client functionality.

Personal Projects

2014	MapWorldNews.com	Python + Flask	Visualize sentiment of international news.
2014	DonateMe.org	Ruby + Rails	Non-profit to crowd-source scholarships.
2013	WebSlinger	Js + jQuery	Browser app for reading local comic book zip files.
2008	Dani365.com	Ruby + Rails	Photo sharing site for photo-a-day project.
2007	Simplici7y.com	Ruby + Rails	Active publishing platform for open source game.
2005	Pfhorums.com	Community	10 years as Aleph One open source project forum.

Academic Projects

2014	JIT Language	Python + PLY	Knowledge graph + Git language for journalists.
2012	Honors thesis	Perl + Matlab	Ranking products by LPC projection of ratings.
2012	Personal Health Asst.	Java + Android	Permissions UI & SOAP, 4.x UI libs plus polyfills.

Advanced Coursework

Computational Learning Theory
Natural Language Processing
Artificial Intelligence

Programing Languages & Translators
Data Mining Technology Entrepreneurship
User Interface Design