Haney Maxwell

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Education

University of Chicago
B.S., Computer Science (GPA: 3.59)   *June 2013*
- Dean's List
- Extensive mathematics coursework
- Relevant courses: Introduction to Databases, Networks and Distributed Systems, Analysis in R^n, Mathematical Logic
- Less relevant courses: Ancient Philosophy, Strategy

Experience

Box
Senior Software Engineer - Services Team   *September 2014 - Ongoing*
- Revamped our core Scala service framework libraries
- Configured and deployed Kubernetes cluster management framework
- Reworked our monitoring pipeline

Box
Software Engineer - Release and Deployment Team   *July 2013 - September 2014*
- Coordinated and ran daily releases
- Added High Availability characteristics to existing configuration deployment systems
- Revamped our core Scala configuration libraries

U. of Chicago Computer Science Instructional Lab.
Tutor   *April 2011 - June 2013*
- Helped lab users with problems in languages ranging from Matlab to Haskell
- Maintained backup system
- Developed scheduling website

University of Chicago Math. Dept.
VIGRE REU Participant   *June 2010 - Sept. 2010*
- Researched persistent homology and finite topological spaces

Projects

Anime Ratings Site
Haskell   *Current*
- Early stages; design complete and first component partially implemented
- Plan: Allow ratings on multiple axes (e.g. Art, Action, Storyline, etc.), and provide links to existing reviewing and streaming sites.

Recommendation Engine
Python, Numpy, Bash, Ruby, Scala   *August 2012 - August 2014*
- Scraped ratings data (latest implementation uses selenium)
- Implemented a basic SVD/KNN recommendation algorithm

Languages

Primary: Scala, Puppet

Some Experience With: Haskell, Go, Java, Bash, C, Node.js, Ruby, Python, PHP

Messed Around With: Clojure, Android, Rails, Javascript (client-side), LaTeX, Matlab, R, SPSS