

Education University of Wisconsin - Madison

Dec 2016

- Computer Science, GPA 3.9/4.0,
- Courses:
 - Data Structures, Algorithms, Machine Organization
 - Operating Systems
 - Projects: Shell, multi-threaded web server, File System checker
 - XV6 Kernel: built syscalls, MLFQ scheduler, Threads, Shared Memory
 - Introduction to Artificial Intelligence
 - Projects: A* Search, Mancala AI w/ Alpha Beta Pruning, Decision Tree, Multi-Layer Neural Network for Handwritten Digit Recognition

Recurse Center

Oct - Dec 2013

- Self-Directed Programming Retreat with 60 other programmers
 - Paired to build a Bit Torrent Client in Ruby
 - Contributed to Discourse (Open Source Rails / Ember.js app)
 - Packaged a Ruby Gem for Zulip API bindings
 - Built URL shortener in Sinatra
 - Built Rails App to search for nearest bike-share stations

University of Wisconsin - Madison

- Economics, GPA 3.679/4.0, Dec 2010

Work

Paperless Post

New York, NY

QA Engineer

April 2014 - Aug 2015

- Lead tester for several teams working on Rails and iOS applications
- Wrote Selenium-based integration tests in Ruby
- Built UI diff tool for identifying UI bugs
- Bug fixes to Rails app and testing framework including bug causing silent test failures

Epic

Verona, WI

Quality Assurance

Feb 2011 - July 2013

- Tested Outpatient Medical Software, specializing in e-prescribing
- Helped build logic for scheduling Childhood Immunizations
- Coordinated E-Prescribing certifications with third-party vendors & regulatory auditors
- Wrote internal and customer facing documentation

Projects

[youtube-playlist-dl](#) - CLI to download Youtube playlists w/ parallel download - written in Go

[MIT: 6.824 Labs](#) - Raft implementations in Go

[Discourse](#) - Rails/Ember.js Discussion Forum Platform (Contributor)

[Bitr](#) - Bit Torrent client in Ruby

Languages/Technologies

Go [#####], Ruby [#####], Java [###---], C [###---], SQL [##---], Scala [#----], Scheme [#----]