

Gordon M. Finnie III



616-745-8881



gordon.m.finnie.iii@gmail.com



[gordon-m-finnie-iii.github.io](https://github.com/gordon-m-finnie-iii)



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Education

Williams College

Bachelor of Arts, Computer Science

Bachelor of Arts, Mathematics

Williamstown, Ma

May 2016

May 2016

Skills

back-end

NODEJS
EXPRESSJS
MONGODB
SQL
AWS
FIREBASE

core

JAVA
PYTHON
C

+ ALWAYS EXPLORING THE NEXT

front-end

HTML
CSS
JAVASCRIPT
POLYMER

tools

GIT, LINUX, GOOGLE SUITE, ADOBE ILLUSTRATOR, ADOBE PHOTOSHOP, SKETCHUP

Experience

Web Applications Development Intern

2016

Developed a customer-facing account creation website utilizing NodeJS to interface with Salesforce, and Polymer to provide an intuitive multipart form experience. As a founding member of the team's technical arm, worked to establish engineering best practices including agile/scrum, git version control, code review, and UX/UI design philosophy.

EnerNOC, INC

Demand Response Operations

Independent Web Application Project

2015 - 2016

Developed a full-stack mobile application for gesture-based contact sharing by integrating a smartwatch, smartphone, and back-end server with MySQL database. Mathematical analysis of raw accelerometer data uncovered the beautiful symmetry of a handshake, and therein the system's matchmaking algorithm. Optimized performance by implementing a hierarchical database partitioning algorithm.

Williams College

Dept. of Computer Science

Research Fellow in Machine Learning

Summer 2014 & 2015

Independently leveraged circuit level household energy data to design, implement, train, and test an original machine learning algorithm for predicting active circuits from aggregate data. Heavily researched generalizing the algorithm with data from Pecan Street smart neighborhood by utilizing clustering to isolate home profile types.

NSF Grant

Web Development Intern

2013 - 2015

Worked closely with web development team to migrate faculty and staff websites to Wordpress CMS. My role was to compile and convey transition details in hands-on tutorial sessions.

Williams College

Web Operations Team

Head Women's Water Polo Coach

2012 - 2016

I was fortunate enough to have the opportunity to coach the women's team while playing on the men's team for four years. We turned a zero-win first season into a national championship appearance in our last.

Williams College