

# David Hollis

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## EXPERIENCE

### SOFTWARE ENGINEER

June 2012–Present

*Raybeam, Inc. (<http://raybeam.com>), Newburyport, MA*

- **From November 2015 to present:** Planned and formally proposed a project to create a distributed ETL platform (managing scheduling, execution, monitoring) that the company can use across multiple clients, then led a small rotating team to develop it and ultimately deploy it for one client.
- **From June 2012 through December 2015:** Worked as a consultant developing software solutions for multiple clients (primarily Disney Interactive Media Group, Shutterfly, and Fanatics), with a focus on internal tools to be used by our clients' business analysts and data scientists. Solved a wide variety of problems across different domains, often using tools, frameworks, or programming languages of the client's choice. Responsibilities also included providing accurate time/effort estimates, gathering/clarifying requirements, and communicating status with clients.

### FOUNDER AND DEVELOPER

December 2010–June 2012

*Reckless Abandon Labs, LLC, Atlanta, GA*

Founded a company with another developer to learn to develop iOS apps. The company released one app, a weather app called Beautiful Day, which sold well enough to support the company for one year.

### TEACHING ASSISTANT

August 2008–May 2011

*Georgia Tech Department of Mathematics, Atlanta, GA*

Taught recitation sections for calculus and linear algebra classes, held regular office hours, and graded coursework (including exams).

## SKILLS

### PROGRAMMING LANGUAGES:

- **Proficient in** Ruby, Python, SQL
- **Significant experience with** Scala, JavaScript (specifically web), CSS, Objective-C (specifically UIKit), Java
- **Exposure to** Haskell, Go, O'CamL, Erlang, C, C++, Scheme

**WEB DEVELOPMENT:** Ruby on Rails, Sinatra, jQuery, nginx

**DISTRIBUTED COMPUTING:** Hadoop (CDH and Amazon EMR), Spark

**DATABASES:** PostgreSQL (including PostGIS), Redshift, Redis, Vertica, MySQL, SQLite

**OTHER:** Git, Docker

## EDUCATION

**BACHELOR OF SCIENCE** in Discrete Mathematics

December 2011

Georgia Institute of Technology, Atlanta, GA

Minor in Computer Science; Graduated with High Honor

## OTHER

**Magic: *The Gathering* color identity:** Bant, but primarily White

**Best Putnam Exam score:** 21, in 2008

**Signature dish:** Chicken Paprikash