

Tim Martin

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Skills

Languages: Python, Javascript, Ruby, HTML/CSS, C, shell scripting, Assembly, Verilog, L^AT_EX

Web Technologies: Django, Ruby on Rails, Heroku, AWS, D3.js, domain management

Other: Git, Agile Development, Trac, TDD, Mocking, Vim, API and Documentation Design

Employment

- **Yelp** San Francisco, CA
Advertising Infrastructure Intern *Summer 2013*
 - Optimized advertising data network propagation over several AWS regions
 - Led development efforts on a distributed Elasticsearch platform using AWS SNS and SQS
 - Gained experience with online advertising models
 - Delivered code to a high traffic production environment
- **Mavaru** Atlanta, GA
Web Applications Developer *Fall 2010 - Winter 2010*
 - Delivered a pay-what-you-want music service in Ruby on Rails
 - Synchronized in company efforts with Pivotal Tracker
- **SNOCAP (Napster)** San Francisco, CA
Web Applications Developer Intern *Summer 2007*
 - Developed, tested and deployed a new user site registration process
 - Configured and maintained Apache Web servers

Projects

- **Compare Offer Application** CS4911
Spring 2013
 - Developed a Django web application that allowed job seekers to evaluate job offer qualities
 - Guided technology choices and educated team on implementation
 - Normalized datasets into schema and designed dynamic visualizations with D3.js
- **Seed Swap Web Application** CS2340
Summer 2012
 - Deployed production application to Heroku cloud platform
 - Modeled real life structures and processes into UML Class and Sequence diagrams
 - Presented regular demonstrations of iteration towards final specifications
- **Image Compression by SVD** MATH2605
Spring 2012
 - Applied mathematical theoretical concepts to solve a tangible problem
 - Developed a Ruby library and command line application
 - Produced in-depth documentation explaining theory and use of the software

Education

- **Georgia Institute of Technology** Atlanta, GA
B.S Computer Science *Graduating Spring 2015*
 - Relevant courses: Algorithm Analysis, Data Structures, Systems and Networks
- **University of California, Berkeley** Berkeley, CA
Finance Focus *Summer 2011*
 - Supplemental study at the Haas School of Business

Extracurriculars

User Group Participant: GT Linux Users Group, Gray H@t Security Club, Atlanta Ruby Users Group

Open Water Swimming: “Escape From The Rock” Alcatraz Swim, Lake Tahoe Swim, Golden Gate Swim

Board Gaming: Participant of Georgia Tech Gamer’s Guild