Tim Martin

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Skills

Languages: Python, Javascript, Ruby, HTML/CSS, C, shell scripting, Assembly, Verilog, LaTeX

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 propogation 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 Fall 2014*
  - 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