
ROHAN RAMCHAND

<http://cs.utexas.edu/~rohan/> | rohan@cs.utexas.edu | <http://github.com/rohan> | (281) 687 3386

EDUCATION

The University of Texas at Austin (Austin, TX)

August 2013 - expected May 2017

BS Computer Science (**Turing Scholar**) | BS Mathematics (**Dean's Scholar**) | GPA: 3.69

SKILLS

Programming

Proficient in Python, Java, C++, and JavaScript

Exposure to Android, Assembly, C, Google App Engine, Ruby on Rails, HTML5/CSS3, CoffeeScript, and Processing

Selected Projects

Taskless

Ruby on Rails-powered web application that intelligently schedules tasks into Google Calendar

Tsoogle (Turing Scholars Google)

Data Structures project that efficiently and compactly indexes a web, with a query engine that supports complex queries

PiPrint

Remote print server that allows users to upload files to Raspberry Pi and print from anywhere in the world

Yahoo Finance-based stock portfolio manager

Java-based portfolio manager with hooks into Yahoo Finance to keep track of most recent data

EXPERIENCE

Financial Software Developer Intern, Bloomberg LP

Summer 2014

Core Financial Applications | New York City, NY

- Developed a function to view historical volatility data, which led to a \$14M revenue increase from volatility data sales
 - Became proficient with full-stack development, from creating a cache from scratch using a second-chance algorithm to writing a fully-functional UI
 - Gained experience with the process of code review and performance analysis
 - Developed working proficiency with SVN, Phabricator, and dpkg
 - Built a caching interface using experimental new technology to speed up team's backend from scratch
- Developed and helped give a seminar on executive presence, leadership, and success in R&D

Student Media Assistant, Office of External Affairs

Nov 2013-present

University of Texas Department of Computer Science | Austin, TX

- Wrote a series of blog posts about life as a student of computer science at UT
- Increased the reach of the department's social media, including netting over 700 views of a single post in two days
- Helped promote interesting topics of research, researchers, and research groups at UT

Research Intern, Institute on Neuroscience and the Law

Summer 2013

Baylor College of Medicine | Houston, TX

- Created, designed, and implemented a set of nine psychosomatic tests in Java for Android
- Investigated and quantified data from Harris County Police Department about unsolved murders in Harris County

VOLUNTEERING, LEADERSHIP, AND AWARDS

- Assistant Director of the Texas Songhorns (UT *a cappella*)
- Placed in top 15% at three global CTF-style hackathons with other programmers in high school
- Freshman Pod Mentor, UTCS Pod Program
- Algebra II Mentor, Gonzalo Garza Independence High School (through Dean's Scholars)

Interests: cryptography, program analysis, formal methods, static analysis, vocal performance, classical piano, Pokémon