ROHAN RAMCHAND

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EDUCATION

The University of Texas at Austin   August 2013 — May 2017

BS Computer Science **(Turing Scholar)** | BS Pure Mathematics | GPA: 3.60

Courses Taken

Discrete Mathematics (Honors)	Artificial Intelligence (Honors)	Algebraic Structures I
Data Structures (Honors)	3D Reconstruction and Computer Vision	Real Analysis I
Systems I (Honors)	Public Policy and the Digitally Native Technologist (Honors)	Topology I
Operating Systems (Honors)	Programming Languages (Honors)	Probability I
Algorithms and Complexity (Honors)	Theory of Computation	

SKILLS

Programming

Proficient in Python, Java, C++, and Scala   Exposure to meteor.js, Scala, Hadoop, Spark, Android, C, Google App Engine, Rails, HTML5, CSS3, and JavaScript

Selected Projects

Taskless	meteor.js-powered web application that intelligently schedules tasks into Google Calendar
modulus operandi	HackRice 2014 project that uses client-side encryption for cloud storage
FoodMe	HackDFW 2015 project that creates groups of users to explore local restaurants and culture
PiPrint	Server for Raspberry Pi with web frontend for printing to remote printer
Hackulus	Computer Vision final project that builds 3D maps of objects using Kinect and displays a virtual model using Google Cardboard

EXPERIENCE

Software Engineering Intern, Apple Inc.   Summer 2015

Siri Proactive Assistant | Cupertino, CA
- Developed an end-to-end pipeline between raw metrics data on a Hadoop cluster and an online visualization tool
  - Created a system capable of reading, parsing, aggregating, and graphing data dumps of more than 700M rows
  - Worked with data analytics teams to create and optimize Hadoop clusters for data storage/analysis
  - Became proficient with Hadoop, Spark, Scala, and bash scripting

Financial Software Engineering Intern, Bloomberg LP   Summer 2014

Core Financial Applications | New York City, NY
- Developed a function to view historical volatility data, leading 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
  - Built a caching interface from scratch using experimental new technology to speed up team's backend
- Created and co-led a seminar on executive presence, leadership, and success in R&D

LEADERSHIP AND COMMUNITY INVOLVEMENT

- Director of the Texas Songhorns (UT *a cappella* group)
- Freshman Pod Mentor, UTCS Pod Program,
- Student blogger, UTCS

Interests: program analysis, complex analysis, abstract algebra, vocal performance, piano, Pokémon