

Prakhar Garg

<https://github.com/prakhargarg>

SKILLS

Ruby on Rails



Python



JavaScript



Swift



Java, C, JQuery, Ajax, HTML, CSS, SQL, GIT,
AutoLayout, Hadoop

EDUCATION

B.S Computer Science

Business Foundations Program

The University of Texas

May 2017

INVOLVEMENT

Class of 2016 Fellow

Xtern

May 2016 - June 2016

Intensive tech fellowship based in Indianapolis where fellows are paired with local start-ups, and taught how to impact their local communities.

President/Co-Founder

Freetail Hackers

2014 - Present

Manage over 6 teams.
Run and plan HackTX (700+ hackathon).
Allocate and manage \$150,000 in partnership deals.

Rower/Webmaster

Texas Crew

Aug 2013 - May 2016

Compete nationally at regattas
Created the current website
(texas-crew.github.io)

CONTACT

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WORK EXPERIENCE

ConnectThink

June 2016 - Aug 2016

Ruby on Rails Developer Intern

- Took over the development and testing of the State Fair app
- Coded in **Ruby, Ajax, and JavaScript**
- Managed a system and **PostgreSQL** database for admins, users, and staff
- Provided on-field support during the Fair

Applied Research Labs

Jan 2016 - May 2016

Python Developer Intern

- Created a **Python** library to talk to the Apache MQ broker and connect to the C++ code base
- Developed a system to receive signal inputs from sensors and parse the data into readable data files
- Application allows Navy ships to scan for unfriendly divers

GE Aviation

May 2015 - Aug 2015

Software Engineer Intern

- Constructed widgets for the Web API in **Angular and TypeScript** to help airlines analyze flight data
- Developed in-house tools for the DevOps team

PROJECTS

Kanye Nest

Front - End Developer

- **2nd place at a16z's Battle of the Hacks**
- Produced the interface for users to control the pitch, volume, and speed of a song using a **Leap Motion** and **Nest Thermostat**

Donate Smarter *(in progress)*

Sole Developer

- **2nd place at Xtern's HackXtern**
- Created a **Ruby on Rails** app that allows a user to download the parsed Form 990 of any charity
- Built a system that pulls the charity's JSON file from the corresponding **AWS** bucket, and parses the data into a clean excel sheet
- <https://quiet-brushlands-66673.herokuapp.com>

Git Garden

Full-Stack Developer

- Created the **Ruby on Rails** application that allows users to build their virtual garden through commits
- Presents all of the user's repositories alongside their commit streak and the corresponding plant that represents the health of the repo
- <https://arcane-cliffs-51800.herokuapp.com>

Crowd Tweet

Sole Developer

- **iOS** app created in **Swift** that allows users to collaborate on tweets

Big Data Programming (UTCS 378)

- Use **AWS's Elastic Map Reduce** to run Hadoop Programs
- Implement the **Hadoop** framework in Java