

# 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](https://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

- **2<sup>nd</sup> 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

- **2<sup>nd</sup> 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>

Study Sessions

Back-end Developer

- **iOS** app created in **Swift** that allows students to create an account, join a class, and create/join study sessions for upcoming tests
- Each Study Sessions is a self-contained event that consists of a chat room, file system, and calendar