Prakhar Garg
https://github.com/prakhargarg

SKILLS

Python | Flask | Node | Swift

Java, C, JQuery, Ajax, HTML, CSS, SQL, GIT, Android, iOS, Hadoop, Docker

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

Prakharg105@gmail.com
Prakhargarg.com
(214) – 223 – 5039

WORK EXPERIENCE

COMCAST | NBC UNIVERSAL   July 2017 - Present
Comcast Labs
Full-Stack Engineer
- Developed a POC of a smart home controlled through an EEG headset using **Python and Express**
- Developed a POC of technician tools displayed on a heads-up display using AR glasses running **Android**
- Developed a **YOLO** object detection model of our head-end infrastructure
- Mentored and recruited start-ups through the **Boomtown** incubator in **Boulder**

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 **PostgresSQL** 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