

# Syed AbuTalib

NEW GRAD SOFTWARE ENGINEER · U.S. CITIZEN

✉ syedabutalib589@gmail.com | ☎ (972) 679-4453 | 🏠 abutalib.xyz | 🌐 SyedAbuTalib | in syed-abutalib

## Education

### The University of Texas at Dallas

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

- GPA: 3.63/4.00

Dallas, TX

Aug. 2018 - Dec. 2020

## Experience

### Access My Research

SEARCH ENGINEER INTERN

- Facilitated software delivery cycles by containerizing the entire application with **Docker**
- Accelerated search result response times to near real-time by integrating **Elasticsearch** to index research papers
- Ongoing

Dallas, TX

Sept. 2020 - Current

### Liberty Mutual Insurance

TECHSTART INTERN

- Participated in the daily stand-ups of an **Agile** team with the product owner and Scrum Master in order to optimize form data searching
- Automated the process to convert insurance form data into Excel spreadsheets, saving 30 minutes per sheet, by using **TypeScript** to place the data into an .xlsx file
- Centralized Employee Resource Group information into a single dashboard for an internal hackathon using **React** to display data and **Flask** and **Python** to crawl internal calendar pages and clean event data

Indianapolis, IN

May 2020 - Aug. 2020

### Kalkomey Enterprises, LLC

APPLICATION DEVELOPER INTERN

- Connected shops to customers by creating a mobile application using **React Native**
- Met the goal of 100% WCAG compliance by utilizing axe and Lighthouse and correcting **Angular** applications
- Created a locator mobile application that is available on the App Store and Google Play Store by using **React Native**, with an API backend in **Ruby on Rails**

Farmers Branch, TX

June 2018 - Dec. 2019

## Projects

### Face Filter

INSTAGRAM FILTER

SNAPCHAT FILTER

- Identifies faces and uses augmented reality to add a face filter
- Over 96k impressions on the Instagram platform
- Over 57k views on the Snapchat platform

Lens Studio, Photoshop, Spark AR

instagram://FaceFilter

snapchat://FaceFilter

### FireWatch

WEB APPLICATION

- Estimates the speed and location of the California wildfires using Twitter APIs to find tweets associated with wildfires and keeping track of their geolocation over time
- Used Google Maps APIs to display a heatmap using data created predictive models such as random walks
- Won 3rd place overall at HackTX (UT Austin hackathon)

Flask, Python, React

github://FireWatch

### GitHub Stars

WEB APPLICATION

- Accesses GitHub APIs to search for a user and get their list of stars
- Designed reusable minimalist repository cards made from the Card class of Bootstrap
- Reduces time taken by up to 80% when compared to clicking "Next" through a user's stars

Ruby, Sinatra

heroku://Github-Stars

### Language Colors

RUBY GEM

- Prefetches the color data of programming languages from GitHub and stores it in JSON
- Compiled into an open-source Ruby gem for public use
- 600+ downloads on RubyGems

Ruby

rubygems://language\_colors

## Skills

### Programming

Java, Ruby, Python, JavaScript, C, C++, R, SQL

### Frameworks

Flask, Angular, React, Ruby on Rails, Sinatra, Spring Boot

### Tools

Git, Docker, Elasticsearch, Linux