

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 applications with **Docker**
- Designed the process of simultaneously accessing research database APIs by using **Python** to create and run concurrent processes
- Accelerated search result response times to near real-time by integrating **Elasticsearch** to index research papers

Dallas, TX

Sept. 2020 - Dec. 2020

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

- Created a face filter using proprietary Facebook and Snap Inc. software
- Over 102k impressions on the Instagram platform
- Over 76k 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 by predictive models such as random walks
- Won 3rd place at HackTX (UT Austin hackathon)

Flask, Python, React

github://FireWatch

GitHub Stars

WEB APPLICATION

- Displays a GitHub user's entire stars list as cards on a single page
- 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 GitHub user's paginated stars list

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
- Over 600 downloads on RubyGems

Ruby

rubygems://language_colors

Skills

Programming Java, Ruby, Python, JavaScript, TypeScript, C, C++, R, SQL
Frameworks Flask, Angular, React, Ruby on Rails, Sinatra, Spring Boot
Tools Git, Docker, Elasticsearch, Linux