

Syed AbuTalib

WEB DEVELOPER · U.S. CITIZEN

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

Experience

Liberty Mutual Insurance

TECH ASSOCIATE

- On going

Boston, MA

Jan. 2021 - Present

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 writing Python scripts to create and run concurrent processes
- Accelerated search result response times from seconds 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

Galio (Open Source)

REACT NATIVE UI FRAMEWORK

- Implemented and merged a feature into a 2.4k stars framework in order to use Font Awesome 5 icons

React Native

github://galio

Sytran

NPM MODULE

- Created a command line tool to easily transfer files between computers
- Used Heroku to host a Rails API server to hold files

JavaScript, Node, Ruby on Rails

github://sytran

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

Skills

Programming

Java, Ruby, Python, JavaScript, TypeScript, Bash, C/C++, R, SQL, HTML, CSS

Frameworks

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

Tools

Git, Docker, Heroku, Elasticsearch, Linux

Education

The University of Texas at Dallas

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (CUM LAUDE)

- GPA: 3.7/4.0

Dallas, TX

Dec. 2020