

# SYED ABUTALIB

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🔗 SyedAbuTalib

## Skills

### BACK-END

Flask  
Node.js  
Ruby on Rails  
Sinatra  
Spring Boot

### FRONT-END

Angular  
CSS  
HTML  
JavaScript  
TypeScript  
React  
React Native

### PROGRAMMING

C++  
Java  
Python  
R  
Ruby  
SQL

### TOOLS

Git  
Linux

## Activities

Rock Climbing  
Running  
Longboarding  
Hackathons

## Clubs

Association for Computing Machinery  
Vietnamese Student Association  
Chinese Student Association  
Filipino Student Association

## Education

The University of Texas at Dallas  
Bachelor of Science in Computer Science  
GPA: 3.63/4.00  
Courses Taken: Data Structures and Algorithms, Linear Algebra, Introduction to Machine Learning, Artificial Intelligence, Computer Networks

Aug. 2018 to Dec. 2020

## Experience

### Liberty Mutual Insurance

Software Engineer Intern

Indianapolis, IN

May 2020 to Aug. 2020

- Created and implemented wireframes using **Balsamiq** in order to redesign **Angular** applications to follow company design standards
- Automated the process to convert insurance form data into Excel spreadsheets using **TypeScript** and **Java**, saving up to 30 minutes per sheet
- Developed an internal Program Increment planner in **Angular** and **Spring Boot** for the purpose of efficiently and automatically planning out sprints
- Programmed a dashboard to centralize Employee Resource Group information for an internal hackathon using **React** and **Flask**

### Kalkomey Enterprises, LLC

Software Engineer Intern

Farmers Branch, TX

June 2018 to Dec. 2019

- Collaborated on a mobile application using **React Native** for enthusiasts to find local dive shops
- Corrected multiple front-end applications to meet the goal of 100% WCAG compliance by using axe and Lighthouse
- Developed internal web applications using **Ruby on Rails** for States to provide hunting and recreational boating licenses
- Implemented a mobile application in **React Native** used by Nevada citizens to find game fish and bodies of water
- Designed a back-end API through **Ruby on Rails** for the game fish mobile application to receive fish location data
- Built a front-end application in **React** for admins to alter the game fish API

## Projects

### Arabic Tattoo Filter

- Implemented in **Lens Studio** and **SparkAR**
- Uses augmented reality to find faces and add a face tattoo as a filter
- Over 96k impressions on the Instagram platform
- Over 57k views on the Snapchat platform

### Github Stars

- Web application written in **Ruby** that uses the **Sinatra gem** for a back-end and **ERB** for front-end files
- Used the **github\_api gem** to display every repository a user has starred on one page
- Takes 80% less time when compared to clicking "Next" through their stars

### Urlke

- Web application written in **Ruby on Rails**
- Minimalistic URL shortener proof of concept designed to be easily replaced for internal usage
- Used **PostgreSQL** for the database and **Heroku** as the platform

## Awards

Google · Code Jam Round 2 Qualifier 2020

Facebook · Hacker Cup Round 2 Qualifier 2019

The Dallas Entrepreneur Center · Hack-The-Bully Hackathon (3rd Place)

2018

Birdwatch finds a twitter user and determines whether or not the user is a cyber bully using heuristics; also determines if the people they follow are cyber bullies.

**Python** and **Flask**; used Twitter APIs as well as IBM Watson for sentiment analysis.

The University of Texas at Dallas · Academic Excellence Scholarship Tier 2

2018

Merit-based scholarship that pays for 8 semesters of tuition as well as a stipend. Awarded due to high school GPA, rank, and SAT/ACT scores.

UT Austin · HackTX Hackathon (3rd Place)

2019

Firewatch picks up real-time information about wildfires from tweets to track the movement of forest fires. It then runs a combination of predictive models to elucidate the areas that are at risk from the fire and what time they are most likely to run into danger.