

# SYED ABUTALIB

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## 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

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.

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.

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.