

Syed AbuTalib

SOFTWARE ENGINEER · UNIVERSITY GRADUATE

Dallas, Texas

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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

Richardson, TX

Aug. 2018 - Dec. 2020

Experience

Liberty Mutual Insurance

SOFTWARE ENGINEER INTERN

- 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 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**

Indianapolis, IN

Summer 2020

Kalkomey Enterprises, LLC

SOFTWARE ENGINEER INTERN

- 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

Farmers Branch, TX

Summer 2018, Jan. 2019 - Dec. 2019

Projects

Arabic Tattoo Filter

INSTAGRAM FILTER

SNAPCHAT FILTER

- Uses augmented reality to find faces and add a face tattoo
- Over 96k impressions on the Instagram platform
- Over 57k views on the Snapchat platform

Lens Studio, Spark AR

instagram://ArabicFaceTat

snapchat://ArabicFaceTat

Github Stars

WEB APPLICATION

- Uses the github_api gem to display every repository a user has starred on a single page
- Reduces time taken by 80% when compared to clicking "Next" through their stars

Ruby, Sinatra

heroku://Github-Stars

Urlke

WEB APPLICATION

- Minimalistic URL shortener proof of concept designed to be easily replicated for internal use
- Uses PostgreSQL for the database and Heroku for a platform

Ruby, Ruby on Rails

heroku://urlke

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

Awards

2020 **Round 2 Qualifier**, Code Jam

2019 **Round 2 Qualifier**, Hacker Cup

2019 **3rd Place**, HackTX Hackathon

2018 **Academic Excellence Scholarship Tier 2**, Pays for 8 semesters of tuition + stipend.

2018 **3rd Place**, Hack-The-Bully Hackathon

Google

Facebook

UT Austin

UT Dallas

Tacky Box