SYED ABUTALIB

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Skills

BACK-END
Flask
Node.js
Ruby on Rails
Sinatra
Spring Boot

FRONT-END
AngularJS
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   Aug. 2018 to Dec. 2020
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

Experience

Access My Research   Dallas, TX
Search Engineer Intern   Sept. 2020 to Current
- Ongoing

Liberty Mutual Insurance   Indianapolis, IN
TechStart Intern   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
- Centralized Employee Resource Group information for an internal hackathon as a dashboard using **React** and **Flask**

Kalkomey Enterprises, LLC   Farmers Branch, TX
Application Developer Intern   June 2018 to Dec. 2019
- Connected shops to customers and increasing interest by creating a mobile application using **React Native**
- Met the goal of 100% WCAG compliance by utilizing axe and Lighthouse and correcting **Angular** applications
- Handled and provided forms and licensing data to citizens by using **Ruby on Rails** to process and store forms as PDFs and data in an **SQL** database
- Created a locator mobile application on the App Store and Google Play Store by using **React Native**
- Simplified the process to make changes to the locator API by creating a web application using **Ruby on Rails** and **React**

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

Facebook · Hacker Cup Round 2 Qualifier

UT Austin · HackTX Hackathon (3rd Place)
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
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)
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.