

Syed AbuTalib

Software Engineer Intern

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EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS

Aug. 2018 - Current

Bachelor of Science in Computer Science 2022

GPA: 3.5/4.0

EMPLOYMENT

Kalkomey, Software Engineer Intern, Farmers Branch, TX Jan. 2019 - Current, June 2018 - Aug. 2018

- Implemented various features using **Angular**, **Ruby on Rails**, and **mySQL** for the Agency Management Systems
- Created a mobile app in **React Native** for customers to find local dive shops as well as diving instructors
- Created a server with **Ruby on Rails** as a backend API for a mobile app
- Implemented a front end in **React** for admins to easily edit the backend API
- Wrote a fishing mobile app in **React Native** for the Nevada Department of Wildlife

SKILLS

PROGRAMMING: C++, CSS, Flask, HTML, Java, Javascript, Python, React, React Native, Ruby, Ruby on Rails, TypeScript

TOOLS: Git, Linux, OSX, VSCode, Windows, zsh

PROJECTS

bruh

Small program written in **Ruby** that appends a **Bash** shell script into the .zshrc or .bashrc file. Whenever **git** claims that there is no "upstream branch", just type "bruh" into the terminal to set one up for you. On average, it saves the user approximately 193 minutes a year.

Mergesort in MIPS

This is the iterative implementation of mergesort, writting in **MIPS Assembly Language**.

Birdwatch (3rd Place at Hack-The-Bully Hackathon)

Birdwatch is a project that finds a twitter user, and determines whether or not the user is a cyber bully. It also scans through the people they follow to determine if they are also cyber bullies. It was written in **Python Flask**, and used **Twitter APIs** as well as **IBM Watson** for the sentiment analysis.

Twitter Checker

Given the twitter handle of a user, Twitter Checker gets following and follower data using **Twitter APIs** and analyzes is with **Python**. It then separates the processed data into "Didn't Follow Back", "Mutuals", and "Fans", allowing the user to follow back friends or unfollow those who've been muted.

AWARDS

FaceBook Hacker Cup Round 2 Qualifier, FaceBook

2019

Top 1500 participants were invited to round 2.

Competitive Programming.

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

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.