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.