# Syed **AbuTalib**

SOFTWARE ENGINEER · NEW GRAD

*Austin, Texas*

✉ syedabutalib589@gmail.com | ✆ (972) 679-4453 | 🏠 abutalib.xyz | ⚙ SyedAbuTalib | in syed-abutalib

## Education

**The University of Texas at Dallas** *Richardson, TX*

BACHELOR OF SCIENCE IN COMPUTER SCIENCE *Aug. 2018 - Dec. 2020*

- GPA: 3.63/4.00
- Courses Taken: Data Structures and Algorithms, Linear Algebra, Introduction to Machine Learning, Artificial Intelligence, Computer Networks

## Experience

**Liberty Mutual Insurance** *Indianapolis, IN*

SOFTWARE ENGINEER INTERN *May. 2020 - Aug. 2020*

- Created wireframes using **Balsamiq** in order to create the best design that follows company standards and responds to current feedback about the applications
- Enhanced an internal form tracking web application with **TypeScript** and **Java** to process data into downloadable formats (.xlsx, .csv)
- Developed an internal Program Increment planner in **Angular** and **Spring Boot** for the purpose of efficiently and automatically planning out sprints

**Kalkomey Enterprises, LLC** *Farmers Branch, TX*

SOFTWARE ENGINEER INTERN *Summer 2018, Jan. 2019- Dec. 2019*

- Collaborated on a mobile application using **React Native** for enthusiasts to find local dive shops
- Corrected multiple frontend 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 backend API through **Ruby on Rails** for the game fish mobile application to receive fish location data
- Built a frontend application in **React** for admins to alter the game fish API

## Skills

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| **Back-end** | Flask, Ruby on Rails, Sinatra, Sprint Boot |
| **Front-end** | Angular, CSS, HTML, JavaScript, TypeScript, React, React Native |
| **Programming** | Java, Python, R, Ruby, SQL |
| **Tools** | Git, Linux |

## Projects

**bruh** *Bash, Ruby*

SHELL SCRIPT *github://bruh*

- Type "bruh" into the terminal whenever git states that there isn't an upstream branch. Will set one up as well as pushing to it
- Saves approximately 193 minutes a year

**Github Stars** *Ruby, Sinatra, ERB*

WEB APPLICATION *github://Github-Stars*

- Uses 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

**language_colors** *Ruby*

RUBY GEM *github://language_colors*

- Ruby gem that returns Github's choice of color of a language
- Over 300 downloads according to RubyGems

## Awards

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|---|---|---:|
| 2019 | **3rd Place**, HackTX Hackathon | *UT Austin* |
| 2018 | **Academic Excellence Scholarship Tier 2**, Pays for 8 semesters of tuition + stipend. | *UT Dallas* |
| 2018 | **3rd Place**, Hack-The-Bully Hackathon | *Tacky Box* |