

Ali Ziyaan Momin

(832) 795-6323 • alimomin@utexas.edu
alimomin95.github.io • github.com/alimomin95

EDUCATION

The University of Texas at Austin Bachelor of Science, Computer Engineering May 2018
Track: Software Engineering and Design
GPA: 3.6

Relevant Courses:

- Probability
- Discrete Math
- Algorithms
- Digital Logic Design
- Embedded Systems
- Software Engineering & Design

EXPERIENCE

AIG – IT Security Intern; Houston, TX May 2017 – August 2017

- Handled security issues and vulnerabilities for nearly 800K assets in numerous offices around the globe
- Spearheaded the asset tagging project for easier asset classification and reporting
- Wrote numerous scripts to automate many asset discovery and scan processes

Star Bags – Web Developer; Houston, TX May 2016 – August 2016

- Designed and developed user-friendly web presence for the start-up to streamline the ordering process
- Performed continuous improvements to the website based on user feedbacks and usage
- Debugged the website and implemented enhancements that significantly improved web functionality and speed

SOFTWARE PROJECTS

“WhatToWatch” Web Application – Programmer; Austin, TX April 2017

- Created a user-friendly website that accumulated movies from major streaming sites like Netflix
- Developed an algorithm that provided quick and relevant movie recommendations
- Collaborated on the back-end and database creation for the application

“Falling Bricks” Video Game Design – Programmer; Austin, TX November 2015

- 2nd Place in Valvano’s Game Design Competition for Embedded Systems class
- Collaborated with a partner to program a video game that runs on a TI microcontroller
- Scripted the game in C which included color animations and audio

EXTRACURRICULAR ACTIVITIES

Centre for Identity – Volunteer; Austin, TX February 2015 – April 2015

- Worked on the PrivacyCheck plugin for the Chrome web browser which rated online privacy policies
- Assisted in training a machine learning algorithm to be able to rate privacy policies correctly and effectively

AKF Volunteer Program – Assistant Database Manager; Houston, TX August 2015 – December 2015

- Developed SQL database from several Excel sheets and created an intuitive user interface
- Assisted in creating a login form for several thousand volunteers to sign-in daily

Partnership Walk – Community Service Committee Member; Houston, TX October 2014 – November 2015

- Helped organize and coordinate an annual fundraising event that raises donations
- Led and delegated five staff members to ensure proper logistics throughout trainings

ADDITIONAL INFORMATION

Computer Skills: Proficient in C, C++, Java, Python, Django, HTML5, CSS, JavaScript, SQL, and Linux/Unix
Languages: Fluent in English, Urdu and Hindi

Work Eligibility: US Permanent Resident