

# Ali Ziyaan Momin

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

## EDUCATION

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**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
- Data Structures
- Operating Systems
- Software Engineering & Design

## EXPERIENCE

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**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

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**“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

- 2<sup>nd</sup> 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

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**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 2014 – 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

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**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