Ali Ziyaan Momin

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Computer Engineering Track: Software Engineering and Design GPA: 3.7581	May 2018

Relevant Courses:

- Differential Equations
- Discrete Math
- Computing
- Digital Logic Design
- Embedded Systems
- Software Engineering & Design

EXPERIENCE

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

Marble Slab Creamery – *Store Manager;* Woodlands, TX   May 2015 – July 2015

- Oversaw daily operations and eliminated inefficiencies that resulted in a 5% reduction in costs
- Recorded inventory on a weekly basis through Excel, creating pivot tables, and charts
- Selected 5 new seasonal products by analyzing interests and feedbacks from 25 customers

SOFTWARE PROJECTS

"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
- Wrote the game in C which included color animations and audio

Self-Driving Robot Car – *Personal Project;* Houston, TX   December 2015

- Programmed a self-driving robot car on an Arduino Uno in C
- Robot car followed a track line using photo-sensors and DC motors

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 & Volunteer;* 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

SKILLS

Programming Languages: C/C++, Java, Python, ARM Assembly, HTML5, CSS, JavaScript, MATLAB, and SQL

Languages: Fluent in English, Urdu and Hindi

Work Eligibility: US Permanent Resident