

# Ali Ziyaan Momin

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## EDUCATION

<b>The University of Texas at Austin</b>	Bachelor of Science, Computer Engineering Track: Software Engineering and Design GPA: 3.7581	May 2018
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### Relevant Courses:

- Calculus I, II, III, Diffeq
- Discrete Math
- Intro to Computing
- Digital Logic Design
- Intro to Embedded Systems
- Software Engineering & Design

## EXPERIENCE

<b>Star Bags – Web Developer;</b> Houston, TX	May 2016 – August 2016
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- 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

<b>Marble Slab Creamery – Store Manager</b>	May 2015 – July 2015
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- 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*, UT Austin November 2015
  - 2<sup>nd</sup> Place in Valvano’s Game Design Competition for Embedded Systems class
  - Worked with a partner to program a video game that runs on a Texas Instruments TM4C microcontroller
  - Game was written in C, had color animations and audio
- Robot Car using an Arduino Uno, *Personal project* December 2015
  - Programmed on an Arduino Uno in C
  - Robot car followed a track line using photo-sensors and DC motors

## HONORS AND ACTIVITIES

<b>Centre for Identity – Volunteer;</b> Austin, TX	February 2015 – April 2015
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- Worked on the PrivacyCheck plugin for the Google Chrome browser which rated privacy policies for numerous companies
- Assisted in training a data mining algorithm to be able to rate privacy policies correctly and effectively

<b>AKF Volunteer Program – Assistant Database Manager &amp; Volunteer;</b> Houston, TX	August 2015 – December 2015
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- Developed SQL database from several Excel spreadsheets and created an intuitive user interface to access
- Assisted in creating a login form for several thousand volunteers to sign-in daily
- Structured queries for efficiently creating reports

<b>Partnership Walk – Community Service Committee</b>	October 2014 – November 2015
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- 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

**Proficient:** C/C++, Python, HTML5, CSS, and ARM Assembly

**Worked in:** Java, Swift, JavaScript, and SQL

**Enjoy working in:** Linux/Unix environment

**Work Eligibility:** US Permanent Resident