

# Sahil Ashar

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## EDUCATION

### **Bachelor of Science, Electrical and Computer Engineering (May 2020)**

The University of Texas at Austin

Business Foundations Minor

**Related Courses:** Embedded Systems, Elements of Programming, Discrete Math, Digital Logic Design, Advanced Circuit Theory, Intro to Management

**Spring 2018:** Software Design and Implementation I, Algorithms, Data Structures

## SKILLS

**Programming Languages:** Java, C, ARM Assembly, HTML, CSS, Git, JavaScript, GNU Bash

**Software and Cloud:** IntelliJ IDEA, JIRA Software, YouTrack, IBM Mainframe, AWS

## WORK EXPERIENCE

### **Software Engineering Intern, Fidelity Investments**

**05/17 – 08/17**

- Lead development stand-ups while training for the Certified Scrum Master certification.
- Enhanced legacy code through conversion of C++ to Java.
- Improved website through redesign using Microsoft Sharepoint and HTML/CSS.
- Presented redesign of website to team executives.
- Developed prototype of an application to help young people begin investing.
- Demoed application prototype to a panel of executive judges.

### **Computer Sales Consultant, Best Buy**

**05/16 – 01/17**

- Advised customers on computer related questions and issues
- Awarded "Top 5 Salesman"
- Developed communication and sales skills on the job

### **Information Technologies Intern, Perot Museum of Nature and Science**

**06/15 - 08/15**

- Assisted employees with technology issues
- Executed support tickets in a corporate environment
- Attended Consumer Management and Leadership Training

## PROJECT EXPERIENCE

### **Space, 2017**

- Led hardware assembly and software development for an adaption of the classic Space Invaders
- Wrote C and ARM Assembly code for use on the TM4C123G microcontroller
- Built DAC, ADC, and UART systems for hardware gameplay

### **MarkUp, Google Chrome Extension, HackDFW 2016**

- Developed a Chrome Extension that helps students take notes and efficiently annotate and cite sources
- Utilized the Google Chrome API and the EasyBib API

## AFFILIATIONS

### **Student Engineering Council, 2016-present**

- Academic Affairs Corporate Relations Chair
- Engineering Research Events Team Lead

### **Research Student Advisory Council, 2017-present**

### **Institute of Electrical and Electronics Engineers, 2016-present**

## ACCOMPLISHMENTS

Taco Bell Live Más Scholar, 2016

Presidential Service Award – Silver, 2016

Presidential Service Award – Gold, 2015

Eagle Scout, 2014