

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, Digital Logic Design, Advanced Circuit Theory, Intro to Management, Software Design and Implementation I, Signals and Systems

Fall 2018: Requirements Engineering, Engineering Communications, Software Design and Implementation II, Algorithms, Acoustic Engineering

SKILLS

Programming Languages: Java, C, C++, C#, .NET, Angular, ARM Assembly, HTML, CSS, Git, JavaScript, Bash

Software and Cloud: AWS, JIRA Software, IBM Mainframe, JetBrains Toolbox, Linux and Windows OS

WORK EXPERIENCE

Software Engineering Intern, Fidelity Investments

05/18 – 08/18

- Developed redesign of main product, moving from pure .NET, to .NET in conjunction with Angular
- Drafted mock plan for a new product, defined the client-side requirements, created a release timetable
- Oversaw the end-to-end development of an internal testing tool, including documentation
- Nominated for “Intern of the Summer”
- Utilized a Full-Stack, which included Angular, node.js, C#, .NET, and SQL

Software Engineering/Project Management 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.
- Developed prototype of an application to help young people begin investing.
- Demoed application prototype to a panel of executive judges.

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 & 2018

Presidential Service Award – Silver, 2016

Presidential Service Award – Gold, 2015

Eagle Scout, 2014