shawheen attar

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education

THE UNIVERSITY OF TEXAS AT AUSTIN | Class of 2021
B.S. Electrical and Computer Engineering
Entrepreneurship Minor
Business Minor
GPA: 3.56/4.00

coursework

Current:
Software Design & Impl. II (**Java**)
CodePath iOS Programming
Past:
Software Design & Impl. I (**C, C++**)
Embedded Systems (**ASM, C, C++**)
Intro to Computing Systems (**ASM**) Intro to Circuit Design • Circuit Theory
Online Courses (Udemy, Lynda):
C++, Swift 3, Python, & JavaScript

skills

PROGRAMMING
Experienced with:
Python • C • C++ • Java • Assembly • HTML • CSS • JavaScript
Exposure to:
ReactJS • TensorFlow • Swift (iOS)

awards

Virginia & Ernest Cockrell, Jr. Engineering Scholarship
Recipient of scholarship worth $6000 per semester, chosen from undergrad engineering students
Evan E. Worthing Scholarship
Recipient of $8000 scholarship awarded to 15 students in Houston ISD annually

interests

Hobbies: Woodworking, reading, podcasts, & exercising
Favorites: Breaking Bad, LOTR, Christopher Nolan, The Eagles

links

shawheenattar.github.io
github.com/shawheenattar
linkedin.com/in/shawheenattar

summary

Second-year Computer Engineering student with experience in web & app development and test automation. Looking to improve current software engineering skills while pursuing interests in machine learning and technical project management

work experience

UT AUSTIN CMSSM RESEARCH LAB | WEBSITE ADMIN/COORDINATOR
Jan 2019 – Present | Austin, TX
- o Redesign, manage and maintain website for the Center for Mechanics of Solids, Structures and Materials (**HTML, CSS, JavaScript, PHP**)
- o Coordinate a five-day symposium attended by 80+ academics

LOOP ON DEMAND | CO-FOUNDER & LEAD DEVELOPER
Sept 2018 – Present | Austin, TX
- o Develop web platform & web application for clients & student freelancers to connect and interact (**HTML, CSS, JavaScript, ReactJS**)
- o Strategize growth to scale in marketplace and increase user base

QUALCOMM | SOFTWARE ENGINEERING INTERN, CORE TESTING
May 2018 – Aug 2018 | San Diego, CA
- o Formulated testing solutions with Core Test Architecture Team for a new mobile CPU chipset
- o Deployed **Python** automation script used by testing engineers to streamline testing flow as a part of the Continuous Integration System
- o 1 of 20 freshmen chosen for the Early Identification Program

projects

IOT "COOKIE JAR" SECURITY SYSTEM | ARDUINO, C++

TWO-PLAYER HANDHELD "DUAL" VIDEOGAME | TI TM4C123, C, C++

RC SELF-BALANCING MINI-SEGWAY | ARDUINO, C++

DIY ELECTRIC LONGBOARD

leadership activities

IEEE UT STUDENT CHAPTER | MEMBERSHIP & RESOURCES OFFICER
September 2017 – Current | Austin, TX
- o Oversee membership requirements, funds, and resources
- o Prepare corporate talks, meetings, and professional development events

LONGHORN ENTREPRENEURSHIP AGENCY | MEMBER
October 2017 – Current | Austin, TX
- o Facilitate projects to foster an entrepreneurial ecosystem within UT Austin
- o Participated in Freshman Founders program, created a business plan, pitched a company, and worked with local entrepreneurs

FIRST ROBOTICS COMPETITION (HS) | TEAM CAPTAIN
- o Guided team in designing, building, and programming (**Java**) the team robot
- o 2017 World Championship Finalists. 2016 Rookie All-Star Award

NASA HIGH SCHOOL AEROSPACE SCHOLARS | TEAM CAPTAIN
- o Completed an online science course and worked onsite at NASA JSC
- o Led team in presenting a "Mission to Mars" Preliminary Design Review