shawheen attar

5242 beechnut st | houston, tx 77096
713.594.9995 | shawheenattar@gmail.com

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: Rowing, woodworking, reading, podcasts, and martial arts
Favorites: Breaking Bad, GoT, 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 software engineering skills while pursuing interests in machine learning and technical project management

work experience

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

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

UT AUSTIN CMSSM RESEARCH LAB | WEBSITE ADMINISTRATOR
Jan 2019 – Present | Austin, TX
- Redesign, manage, and maintain website for the Center for Mechanics of Solids, Structures and Materials (**HTML, CSS, JavaScript, PHP**)
- Coordinate conferences attended by academics from multiple countries

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
- Oversee membership requirements, funds, and resources
- Prepare corporate talks, meetings, and professional development events

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

GENESIS PROGRAM (STUDENT-RUN VC FUND) | LEADERSHIP TEAM
February 2019 – Current | Austin, TX
- Train as new member to learn how to manage a fund for local UT startups

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

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