

EDUCATION

University of Texas at Dallas Aug. 2019 to May 2023

Bachelor of Science in Computer Science

Related Coursework:

Probability and Statistics in CS, Discrete Math, Linear Algebra

SUMMARY

Insightful undergraduate computer science student who excels at Java and Python. Seeking internships relating to software engineering or data science.

SKILLS

EXPERIENCE: Java, Python**FAMILIAR:** C++, HTML, CSS, JavaScript, React, SQL**TECHNOLOGIES:** Spring Boot, Git, Android SDK, Unit Testing**EXTRA CURRICULARS:** Esports Student Athlete, Basketball, Volleyball

EMPLOYMENT

REALPAGE

Software Quality Engineer Intern

Summer 2020

- Developed new test scripts for a SaaS web app using Java
- Performed regression testing in order to find valid bugs/issues on the system
- Collaborate with various Product work teams to participate in the writing of project/test plan documentation.
- Monitor every phase of the software development process so as to ensure design quality, making sure that the software adheres to the standards set by RealPage, Inc.

APLUS COMPSCI

Test/Package Editor

Fall 2019, Spring 2020

- Provide Tests/Packages written in JAVA programming language for AplusCompSci.com
- Topics in these packets include Data Structure Theory, Graph Theory, Generic Collections, Analysis of Algorithms, etc

PROJECTS

ACM PROJECTS (SOFTWARE DEVELOPER)

Sept. 2020

- Collaborated in a team of 5, with guidance from an industry mentor and project manager.
- Developed a Web Application, that allows multiple users to share their coding environment with their team through real-time coding collaboration with shared workspace settings.
- Utilized Amazon Web Services (AWS), Google's Firebase, Socket.IO (JavaScript), and Quill API Driven Text Editor.

TRADE BOT

Apr. 2020

- Developed a test project on Quantopian, used for finance and strategic trading through data analysis, machine learning (tensorflow), and quantopian trading algorithms tested through Jupyter Notebooks
- Use the data analysis toolkit Pandas and scientific packages like NumPy to work with data
- Managed and retrieved stock data from financial web pages with Python

ARDUINO ROBOT CAR

July 2018

- Collaborated in a team of 4, with guidance from a professor at the University of Texas at Austin
- Utilized C++ and electronic circuit concepts to develop a line follower robot car with sensors and LEDs
- Optimized the time it took for the car to complete a lap by exploring different approaches in our line follower algorithm
- Placed 2nd out of 16 teams in fastest time in completing a lap around the race track

AWARDS

UIL

Dulles High School (2015)- 3rd Place (Novice Division)

Clements High School (2016)- 8th place (Advance Division)

Mayde Creek High School (2017)- 5th Place (Advance Division)

IEEE SOFTWARE TESTING CONTEST CERTIFICATE

Feb. 2020

The University of Texas at Dallas

HIGHLIGHTED STUDENT-ATHLETE

Aug. 2020

The University of Texas at Dallas Esports Program