CANYON EVENSON

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SKILLS

LANGUAGES

Java
Javascript
HTML
CSS
React
Python
Bash
SQL

COURSEWORK

Software Design
Software Testing
Information Security & Privacy
Operating Systems
Algorithms
Data Structures

DESIGN PATTERNS

Test Driven Development
Behavior Driven Development

PERSONAL SUMMARY

I am motivated by helping organizations solve complex problems through the use of technology. My passion lies in developing effective and well tested software by maintaining a strong relationship with end users. I draw on my technical experience in addition to work in various industries to not only meet project requirements but exceed them.

EDUCATION

The University of Texas at Austin
- Bachelors of Science: Electrical and Computer Engineering | May 2020

RELEAVENT EXPERIENCE

Triaging, Diagnosing, and Predicting Software Errors - Dell EMC
- Senior design capstone project focused on developing regression test selection tool for R coding language to automate testing suites
- Worked primarily on test to source module written in Python that populates mySQL database with mappings between tests and source

All About Austin, Web Application Development - Team Project
- Full stack, front facing web development application utilizing React, MongoDB, and RESTful API focused on providing personalized recommendations with regards to food, education, and traffic in Austin
- Performed competitive analysis of existing solutions for marketability and scalability of our product in regards to intended user groups
- Managed front end team with agile and test driven mindsets
- Awarded best in show by faculty at semester project showcase

SmartBrain
- Full stack web development application using Clarifai API for recognizing number of faces in an image
- Made with NodeJS, React, and PostgreSQL

Single Transferable Vote Application
- Developed application in Python and Matlab to apply ranked single transferable vote system to Longhorn Band Student Associations elections

Front Desk Agent, Lone Star Court Hotel
- Applied resolution based mindset when working to resolve guest issues in a productive manner
- Worked with off site sales team to coordinate property showings of meeting spaces for potential clients
- Developed scripts in python to automate expedia and package bookings to maximuze time with guests

LEADERSHIP

Longhorn Band President
- Pitched single transferable vote application to directors and student body to solve issue of ballot stuffing in student organization elections
- Spearheaded collaboration with UT Green Fund to secure grant to attain Zero Waste status for Longhorn Band on gamedays