

SCOTT LAI

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EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN

BS Computer Science & Business Minor

GPA: 3.6518

Aug 2020 - May 2024

Austin, TX

Coursework: Data Structures • Computer Architecture • Operating Systems
Programming for Performance • Prin. of Machine Learning • Software Engineering

SKILLS

LANGUAGES

Experienced: Java • Python • C • C++ • HTML • CSS

Familiar: JavaScript • SQL • \LaTeX

TOOLS

React • Flask • PostgreSQL • SQLAlchemy • Git • VS Code

Docker • Adobe Premiere Pro • Sony Vegas Pro

PROJECTS

INTERNET DATABASE

Sep 2022 - Dec 2022

Full-Stack

Developed a dynamic website with a RESTful API & SQL database back-end
Implemented back-end searching, sorting, & filtering of data using SQL queries

PERSONAL WEBSITE

May 2022 - Sep 2022

Front-End

Created a student homepage using HTML, CSS, & JavaScript on the cs.utexas.edu domain
Added media queries & alternative media for accessibility; site is responsive to all devices

FILE EXPLORER

Apr 2022 - May 2022

Programming & Logistics

Built a user interface to display an EXT2 file system navigable by keyboard input
Organized project information & presented findings; our presentation scored 4.4% higher than the class average

POSITION PREDICTOR

Apr 2021 - May 2021

UT Austin Freshman Research Initiative Student

Developed a position prediction algorithm from data captured using an Azure Kinect DK depth sensor; analyzed results to calculate error & assess the accuracy of future algorithms
Presented findings in brief scientific talk & research paper using \LaTeX

EXPERIENCE

STUDENT LAB ASSISTANT

Sep 2020 - Dec 2020

UT Austin School of Nursing, Simulation & Skills Center

Austin, TX

Prepared lab equipment for daily simulations; all classes began equipped & on time
Organized supply room; all equipment requests met on demand with 100% accuracy

HONORS

UNIVERSITY HONORS

2020 - 2022

UT Austin

RODEO SCHOLAR

2020

Houston Livestock Show & Rodeo