

# SCOTT LAI

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## EDUCATION

### UNIVERSITY OF TEXAS AT AUSTIN

Aug 2020 - May 2024

BS Computer Science & Business Minor

Austin, TX

GPA: 3.6276

**Coursework:** Intro to Programming • Data Structures • Computer Architecture  
Operating Systems • Autonomous Robots • Programming for Performance  
Principles of Machine Learning • Software Engineering

## SKILLS

**LANGUAGES**    Experienced: Java • C • C++ • Python • HTML • CSS  
Familiar:  $\LaTeX$  • Make • JavaScript • Wolfram Language

**TOOLS**    Git • Eclipse • Visual Studio Code • Docker  
Adobe Premiere Pro • Sony Vegas Pro • MS Office & G-Suite

## PROJECTS

### 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 using Adobe Premiere & Google Slides; 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 & 4-page 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