

Scott Lai

Aspiring Software Engineer

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Austin, TX
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EDUCATION

University of Texas at Austin

Bachelor of Science in Computer Science & Business Minor

Aug 2020 – May 2024

Austin, TX

- **GPA:** 3.6542
- **Relevant Coursework:** Data Structures · Algorithms · Computer Architecture · Computer Systems Programming for Performance · Machine Learning · Software Engineering · Data Management

SKILLS

Languages Python · Java · C++ · C · HTML · CSS · JavaScript · Typescript · SQL
Tools React · Flask · SQLAlchemy · PostgreSQL · MySQL · MongoDB · Neo4j · Git · \LaTeX
Cloud AWS: Amplify, Elastic Compute Cloud, Elastic Beanstalk, Certificate Manager · Docker
Video Adobe: Premiere Pro, After Effects, Photoshop, Illustrator · Sony Vegas Pro

PROJECTS

Company Website

Front End

Jul 2023 – Aug 2023

Houston, TX

- Built a prototype website for a potential client, Toro Steel and Fittings LLC
- Prototype temporarily hosted at `main.d1nh3pu51v0msd.amplifyapp.com`

Internet Database

Full Stack

Sep 2022 – Dec 2022

Austin, TX

- Built a dynamic website with a RESTful API using React & Flask to display info on endangered species
- Implemented back-end searching, sorting, filtering of species data using SQLAlchemy

Personal Website

Front End

May 2022 – Sep 2022

Houston, TX

- Built a static website using HTML, CSS, & JavaScript hosted at `cs.utexas.edu/~scottlai`
- Added media queries & accessibility features; site is responsive to all devices

File Explorer

Programming & Logistics

Apr 2022 – May 2022

Austin, TX

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

Position Predictor

UT Austin Freshman Research Initiative Student

Apr 2021 – May 2021

Austin, TX

- Developed a position prediction algorithm using Azure Kinect depth sensor data
- Analyzed results & presented findings in a scientific talk & research paper

EXPERIENCE

UT Austin School of Nursing, Simulation & Skills Center

Student Lab Assistant

Sep 2020 – Dec 2020

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

Rodeo Scholar

University of Texas at Austin

Houston Livestock Show & Rodeo

2020 – 2022

2020