Sierra Lovejoy

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EDUCATION

Texas State University   Expected Graduation Dec 2022
Bachelor of Science in Computer Science   San Marcos, TX
Overall GPA: 3.51 / 4.00 | **Major GPA:** 3.70 / 4.00
Relevant Coursework: Software Engineering, Object-Oriented Programming, Data Structures & Algorithms, Databases, Operating Systems, Statistics, Computer Architecture, Computer Networks

TECHNICAL SKILLS

Languages: Experienced in C++, JavaScript, Python. Familiar with Java.
Other Frameworks & Technologies: React, HTML/CSS, Django, Flask, Linux, Git/GitHub, MongoDB, MySQL, Node.js, Express, Splunk, ServiceNow, Excel

RELEVANT EXPERIENCE

Software Engineering Internship
Summer 1: May 2021 – Aug 2021
Summer 2 and Fall : May 2022 – Current
Texas Department of Transportation - Full time   Austin, TX
- Built new SharePoint web pages and documentation for the Mobility and the Operations Teams
- Worked with Apps & Web Services team to establish ADA documentation and perform ADA test cases
- Leveraged knowledge of JavaScript and Python to help write web interfaces on renovated websites and helped manage and update data from users
- Lead standup meetings each week and worked on multiple group projects

Print Production Operator Signs/Graphics and DDP
Jan 2019 – April 2020
FedEx- Full time   Austin, TX
- Successfully made and fulfilled ticket orders as well as communicated with various Fedex centers
- Completed orders in an organized and timely fashion with meticulous attention to detail in all projects
- Proficiently used computer programs, editing tools, and equipment related to digital printing

SOFTWARE PROJECTS (Portfolio: https://sierra25.github.io/)

DayPlanner
- Created a dynamic user interface where people can plan out the hours in their day
- Visualized the hours of the day via a pie chart and time block schedule board
- Implemented a scheduler builder that has drag and drop functionality

Nearby
- Created a map api to search for all cities located near a city specified by the user
- Implemented project to help people who are moving find all of the options that they have near their desired job location when looking for a new city to live in
- Displayed nearby cities in a list and in a visual map diagram for a range that the user can specify

Garden Weather
- Built a garden weather app that, given the user input of location, tells the user the temperature outside and whether the temperature is within the range that a specific crop can handle.
- Displayed a list of common garden crops and the temperature ranges that they can handle alongside a dynamically rendered green checkmark or red x mark.
- Created dynamic messages telling users whether a certain plant is happy based on the current weather temperature for the user's area