jeffreytram.github.io
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Jeffrey Tram

Snellville, Georgia – US citizen

EDUCATION

Georgia Institute of Technology   **May 2021**
Bachelor of Science in Computer Science   Atlanta, Georgia

- GPA: 3.91 / 4.0
- People/Media thread
- Faculty Honors: Fall 2019, Spring 2020, Fall 2020
- Coursework: Intro to Object Oriented Programming, Data Structures and Algorithms, Object and Design, User Interface Design, Computer Organization & Programming, Project Design & Implementation, Intro to Information Visualization

PROJECTS

Music Listening Times (personal project)   **August 2021 – Present**
JavaScript, HTML, CSS – Frameworks: ReactJS   **music-listening-times-2.web.app**

- Provided Last FM users the ability to visualize and explore their own music listening data over the years
- Used the Last FM API to retrieve and display artist and album information
- Utilized Firebase Cloud Functions to handle API calls and Firebase hosting to host the site

UniDrive (2nd place capstone winner)   **Jan. 2020 – Nov. 2020**
JavaScript, HTML, CSS – Frameworks: ReactJS   **github.com/jeffreytram/UniDrive**

- Led the development of a React web application for Sandia National Laboratories to provide Google Drive users a single interface to interact with multiple drives
- Responsible for designing and implementing all aspects of the user interface
- Handled communication with the client, set up meeting agendas, guided meeting discussions, and oversaw the progression of the application

Chicken Traders (class group project)   **Sept. 2019 – Jan. 2020**
Python, JavaScript, HTML, CSS – Frameworks: Python Flask   **chickentraders.pythonanywhere.com**

- Led the development of a web app game where the goal is to earn money buying and reselling items across the universe
- Designed all 12 pages using HTML, CSS, and JavaScript and all 66 icons, logo, banners, and map using Illustrator
- Used D3 to visualize the player's game statistics and the Leaflet.js library to create a customized interactive map
- Improved the region initialization locations, item and market relations, and NPC spawning logic in Python

EXTRACURRICULAR ACTIVITIES

Frontend Engineer   **Feb. 2021 – April 2021**
Big Data Big Impact Club - Solar Forecasting Team   **github.com/gt-big-data/solar-forecasting**

- Developing a React Application to predict incoming levels of solar energy to allow electric grid operators to balance the electric input and output more efficiently
- Implemented a solar heat map in D3 to visualize levels of solar energy across the state of Georgia

Frontend Engineer   **Sept. 2020 – April 2021**
IT Board – BuzzBook Team

- Working in a team of 5 students to develop a one-stop course planning platform for Georgia Tech students
- Visualized class grade distributions and enrollment data with the Charts.js library
- Responsible for creating UI templates in React

EXPERIENCE

University Assistant   **Sept. 2017 – Dec. 2018**
Georgia State University Instructional Innovation and Technology   Atlanta, Georgia

- Redesigned GSU's Collaboration Tools page to serve as the new hub for the school's available tools and services
- Illustrated a 24-icon set, designed an animated banner and videos to promote the Collaboration Tools page
- Created and maintained over 50 end user documentation for many features and tools for students, staff, and faculty use

SKILLS

Programming Languages

- Proficient in JavaScript, HTML, CSS, Java
- Familiar with Python

Tools

- GIT, GitHub, Figma, Microsoft Office Suite
- Adobe Suite: After Effects, Illustrator