jeffreytram.github.io
github.com/jeffreytram

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# Jeffrey Tram
Snellville, Georgia – US citizen

## EDUCATION

**Georgia Institute of Technology**            **Expected May 2021**
BS in Computer Science – GPA: 3.94 / 4.0            **Atlanta, Georgia**

- People/Media thread
- Coursework: Intro to Object Oriented Programming, Data Structures and Algorithms, Object and Design, User Interface Design, Computer Organization & Programming, Project Design, Intro to Information Visualization
- Faculty Honors: Fall 19, Spring 20

**Georgia State University**            **Aug. 2017 – Dec. 2018**
BS in Computer Science – GPA 4.09 / 4.3 (weighted)            **Atlanta, Georgia**

- Honors College
- President's List: Spring 18 and Fall 18, Dean's List: Fall 17

## EXPERIENCE

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

- Redesigned GSU's Collaboration Tools page by using a grid layout with an animated banner and icon set to serve as the new hub for the school's available tools and services
- Created and added content to various pages to display a multitude of information for students, staff, and faculty use
- Created end user documentation for many features and tools

## SKILLS

**Programming Languages**            **Tools**

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

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

## PROJECTS

**Music Listening Times** (personal project)            **May 2020 – June 2020**
JavaScript, HTML, CSS            **music-listening-times.web.app**

- Visualized over 2 years of my personal music listening data in D3 totaling over 50000 songs
- 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

**Love Machine Learning Data Visualization** (class group project)            **Feb. 2020 – May 2020**
JavaScript, HTML, CSS            **jeffreytram.github.io/lml**

- Created a visualization of data from a Georgia Tech matchmaking service to showcase the similarity and differences between the students' personal views, beliefs, personality, and preferences
- Designed and implemented the main node graph visualization in D3 and the filters, and site layout

**Chicken Traders** (class group & personal project)            **Sept. 2019 – January 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 the D3.js library to visualize the player's game statistics and the Leaflet.js library to create a customized interactive map
- Utilized AJAX to update the market and player information without requiring a page reload
- Improved the region initialization locations, item and market relations, and NPC spawning logic in Python

**Grade Manager** (personal project)            **June 2019 – July 2019**
JavaScript, HTML, CSS            **github.com/jeffreytram/Grade-Manager**

- Built a web app to allow students to manage and calculate their grades as the semester progresses
- Designed the front-end logic in JavaScript
- Implemented a responsive UI using HTML and CSS