

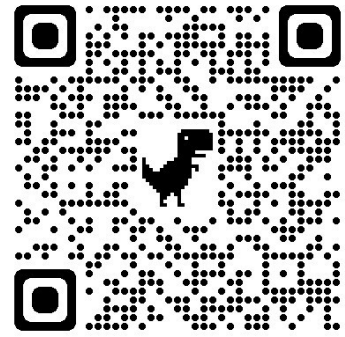
Samuel Downs

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#### Certifications/Awards:

- Georgia Gwinnett College bachelor's degree in information technology
- 2nd place at the 2023 National USITCC Database Design competition.
- Honorable Mention for the 2023 National USITCC Business Analytics contest.
- Microsoft Technology Associate (MTA) certification



#### Outside Events:

- 2023 National USITCC
- 2023 CCSC:SE conference in both student research and programming
- 2023 GGC STaRS event
- 2020 UGA Hacks
- 2020 GSU Gamejam

#### Technical Skills:

- Python
- Java
- MySQL/Oracle
- R
- Gitbash
- HTML/CSS

#### Completed Projects:

**Resume Website (Jan 2024):** I have created an online resume as a website using **HTML/CSS** deployed on **GitHub pages**. GitHub Repository: <https://github.com/Samuel-Downs/Samuel-Downs.github.io> Website: <https://samuel-downs.github.io/>

**Grizzly Insights (Jan 2023 to Dec 2023):** A **Web-based application** that uses **web-scraped** job data to suggest classes to information technology students by linking the required skills for jobs in their concentration to classes that teach those skills all stored in a **JSON** file. GitHub repository: <https://github.com/GGC-DSA/itskills> Website: <https://ggc-dsa.github.io/itskills/>

**Monster Makey (Sep 2023 - Nov 2023):** An outreach project to increase interest and attention to the information technology field; my team designed a workshop where students would play sounds using a Makey-Makey through **Scratch** to ease into sound design using **Audacity**. We did 4 total hands-on presentations (three with college freshmen classes and one with a middle school class) and entered in a student research competition (CCSC:SE). GitHub Repository: <https://github.com/TechAmbassadors-GGC/MonsterMakey>

**Music Classification (Sep 2023 - Nov 2022):** This **python** project uses **machine learning** to develop an **AI** that can detect the genre of music through a clip of a song in a .wav file. The .wav files used were found on an open-source dataset site (Kaggle). GitHub repository: <https://github.com/Samuel-Downs/Music-Classification/tree/main>