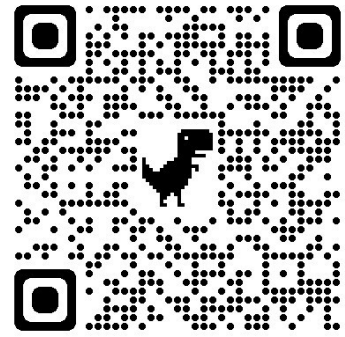


Samuel Downs

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3814 Frostberry Fall Place Southeast

404-482-4392



Certifications/Awards:

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

Technical Skills:

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

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

Projects:

Grizzly Insights: 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. GitHub repository: <https://github.com/GGC-DSA/itskills> Website: <https://ggc-dsa.github.io/itskills/>

Monster Makey: This project is part of an outreach program 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: This project attempts to use 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>

Dead Nation: This project is a text-based adventure game developed in Java/SQLite using the waterfall methodology where the advantages and disadvantages of such an approach were learned. GitHub repository: <https://github.com/Samuel-Downs/Dead-Nation>

Resume Website: I have created a website using GitHub pages that has different sections such as “About Me”, “Skills/Qualifications”, and “Previous Projects” in a neat/organized fashion. GitHub Repository: <https://github.com/Samuel-Downs/Samuel-Downs.github.io>
Website: <https://samuel-downs.github.io/>

