

TARIQ WILLIAMS



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tariqwill.com



Kalamazoo , MI

EDUCATION

Bachelors Degree **2019 - 2023**
Kalamazoo College

GPA: 3.6

Majors : Mathematics , Economics

Minor : Computer Science

LANGUAGES

English (Fluent)

Spanish (Professional Proficiency)

Patois (Fluent)

German (Beginner)

Korean (Beginner)

PROGRAMMING LANGUAGES

HTML , CSS , JavaScript

Python , SQL , C/C++ , R

SOFTWARE EXPERIENCE

- **Microsoft Excel**
- **R studio**
- **VS Code**
- **Jupyter Notebook**
- **Git / Github**
- **Stata 17**
- **Blender**
- **FL Studio**
- **Adobe Photoshop**
- **Adobe Premier Pro**

For Additional information about me,
please visit my personal website here:
tariqwill.com

EXPERIENCE

Data Analyst Intern **Jun 2022 - Aug 2022**
Eagle Medical Laboratory

- Compiled blood and urine analysis data such as CBC, Urinalysis, and Metabolic panels in Microsoft Excel
- Provided weekly reports on trends in data using R studio for data visualization
- Contributed to the management of sample inventory by redesigning the company's database using SQL

Math Dept Teaching Assistant **Jan 2021 - Present**
Kalamazoo College

- Helped Students by leading group study sessions to reinforce in-class topics and concepts
- Assessed student assignments to check quality and assign grades

PROJECTS

SoccerAlight **2022-Present**
Python , Pytorch , YOLOv8 , Tkinter

- Used the YOLOV8 computer vision framework to identify and track soccer players in live videos
- Visualized tracking on a two dimensional soccer GUI
- In the process of leveraging AI to predict player passing and movement outcomes

Audio BPM Tagger **Jan 2023 - Mar 2023**
C++ , CMake , Shell

- Developed a program that uses the essentia library to detect the BPM of an audio file and uses the detected BPM to label audio files in a folder

Personal Website **Sep 2022-Present**
Html , CSS , JavaScript

- I recreated my resume as a website using VS Code, utilizing HTML, CSS, and JavaScript to highlight my skills and experience. (tariqwill.com)

*You can view source code for some of these projects here :
<https://github.com/Tarblux>