THOMAS HARMAN

DATA ANALYST/SCIENTIST

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PROFESSIONAL PROFILE

A motivated and goal-oriented data scientist who is passionate about evaluating various sets of data, creating solutions to problems based on data, and visualizing data results to drive business decisions. Demonstrated history of working in the hospitality and golf industry with a strong passion for sports analytics.

EDUCATION

THE UNIVERSITY OF ARIZONA   **August 2018 – May 2022**
Bachelor of Science, Information Science and Technology
Minor: Business Administration
GPA: 3.2

PROJECTS AND COMPETITIONS

UNIVERSITY OF ARIZONA   **August 2021 – December 2022**
Capla Library Art Installation
- Collaborated with nine other students to develop and install an interactive art installation at the University of Arizona main Library
- Used principles, tools, and techniques of rapid prototyping and installation design to develop and implement a large-scale installation
- Utilized Arduinos to create a system of 18 micro controllers connected through sensors detecting user actions

UNIVERSITY OF ARIZONA   **August 2021 – December 2022**
ISTA SKITTLE SORTER COMPETITION
- Used software and hardware packages to explore rapid prototyping, object design, and physical computing using Computer-Aided Design (CAD) software, 3D printing technology, laser cutting, and Arduino microcontrollers
- Used vector pattern matching, and parallel processing to increase accuracy and speed of detection and sorting to finish in the top 5% of all participants

PROFESSIONAL EXPERIENCE

TROON GOLF   **August 2021 – December 2022**
GUEST SERVICES
- Responsible for welcoming guests to check in and handling personal golf equipment
- Ensure a safe and friendly environment on golf course for over 400 guests a day
- Enhanced the productivity of the club by training new co-workers in the day-to-day operations

TECHNICAL SKILLS

- Microsoft Power BI
- Python
- MS Project

- Tableau
- R
- SQL

- MATLAB
- C++
- Microsoft Office