MARCUS LI

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EDUCATION

University of Washington - Bachelors of Science in Data Science, Minor in Cybersecurity

TECHNICAL SKILLS

Front End | HTML, CSS | **Back End** | Java, Python, SQL, R
Developer Tools | IntelliJ, Git, JupyterLab, VSCode | **Data Analysis/Visualization** | ArcGIS, Tableau

EXPERIENCE & PROJECTS

NBA Game Predictor   **Febuary 2025**

Predict Winners using Python   Python | JupyterLab

- Utilized Playwright for automated web scraping of NBA game data and BeautifulSoup for parsing and extracting relevant statistics.
- Trained a machine learning model using scikit-learn.
- Developed a baseline predictive model using logistic regression to establish performance benchmark for NBA game outcomes.

Personal Website   **January 2025**

Portfolio Website Showcasing Skills, Certifications, and Projects   HTML | CSS | JavaScript

- Designed and developed a responsive personal website to highlight projects and achievements.
- Implemented interactive navigation and smooth scrolling for enhanced user experience.
- Integrated a contact form with Google Sheets for seamless message collection and response tracking.
- Featured an interactive project section with hover effects and external links to detailed work.
- Ensured mobile responsiveness and accessibility for a broad audience.

Free Flo Box   **November 2024**

Data Visualization for Social Impact   Tableau | SQL

- Collaborated with a team to develope and implement an interactive Tableau dashboard for analyzing and visualizing period product pantry utilization
- Calculated derived metrics, including estimated menstrual cycles supported and landfill waste diverted through reusable products, using custom calculations and data transformations.
- Streamlined embedding processes for seamless integration with the organization's website, enhancing user accessibility and outreach efforts.

NBA Game Data Analysis   **April 2024**

Analyzing NBA Game Trends from 2018–Present   Python | JupyterLab | Excel | Plotly

- Collected and processed NBA game data from the official NBA website, storing it in an Excel file using OpenPyXL.
- Cleaned and structured data using Pandas, including handling missing values, renaming team abbreviations, and filtering data by season type.
- Performed exploratory data analysis (EDA), identifying trends in player and team performance through statistical summaries and correlation analysis.
- Developed interactive visualizations using Plotly to explore key trends in NBA gameplay and efficiency.

LICENSES & CERTIFICATIONS

Supervised Machine Learning: Regression and Classification | DeepLearning AI | Standford Online   **Jul 2024**
Credential ID DAA3AGLCZJK6

ISC2 Candidate | ISC2   **May 2024 - May 2025**

TestOut IT Fundamentals Pro | TestOut Corporation   **Jun 2023**
Credential ID 6-1C6-V52FP9