ANURAAG RAVEENDRA KULKARNI

+1(732)4334982 | linkedin.com/in/anuraag-kulkarni/ | ak2248@scarletmail.rutgers.edu | New Brunswick, NJ

EDUCATION

- **Rutgers, The State University of New Jersey (2022-2024):** Master of Science - Computer Science (GPA: 3.67)
- **Visvesvaraya Technological University (2014-2018):** Bachelor of Engineering - Electronics and Communication (GPA: 3.33)

SOCCER (FOOTBALL) ANALYTICS

- Designed and developed a web application utilizing machine learning algorithms to identify and compare similar soccer players, showcasing expertise in both web development and data analytics.
- Streamlit Web App Link: anuraag027-streamlitproject-streamlit1-9p1ed9.streamlitapp.com/
  Wrote a blog explaining the entire process: thebeautifulgamereviewed.blogspot.com/2022/05/use-machine-learning-to-find-players-of.html
- Comprehensive online portfolio featuring my work: https://anuraag027.github.io/
- GitHub profile: github.com/anuraag027
- Proficient in soccer analytics, with experience creating visualizations, analyzing game data and video footage and sharing insights on Twitter and my Personal Blog, building a following of over 1600 followers.
- Featured on ex-Manchester United player Rio Ferdinand's YouTube channel for data visualization work, demonstrating ability to create compelling visual content.
- Analyzed and interpreted data from top industry providers such as Opta, StatsBomb, Wyscout, Metrica, Fbref, Whoscored, Understat and Soccerment.
- Collaborated with a professional soccer player to analyze game footage, evaluate player performance, and identify areas for improvement.
- Consistently engage in Rutgers' Intramural soccer league, showcasing a strong dedication to both physical fitness and collaboration by attending regular practices and participating in competitive matches.

EMPLOYMENT

APPLICATION DEVELOPMENT ANALYST **ACCENTURE**

Data Warehouse Migration **December 2021 – June 2022**

- Data Migration from IBM Netezza Server (On-Prem) to Azure Synapse Server (cloud) for IICS Informatica.
- Maintained and boosted the performance of Python tool that compared tables from local and cloud servers which impacted over 4 separate teams.
- Enhanced and deployed a Python tool to production that extracts data from one table using SQL, performs calculations and adjustments, and stores the table in a cloud database through PySpark.
- Responsible for collecting, collating, and transforming data.

Edge Computing **June 2021 – December 2021**

- Developed an application that employed a pre-trained CNN Tensorflow model to identify people walking across a video feed.
- Implemented a functionality using Computer Vision (OpenCV) to help users define a real-time polygonal boundary in a camera frame.
- Generated a bounding box around people, calculated the centroid of the box and checked if people in each frame are inside or outside the user-defined polygonal boundary.

System-On-Chip Validation **November 2018 - June 2021**

- Optimized performance by preparing Python scripts to extract meaningful data from 3 different tracker files.
- Took the initiative to automate test flow and introducing new work-flows, thereby increasing productivity for the entire team.
- Trained two new members of the team by conducting multiple knowledge transfer sessions.

KEY SKILLS

Python, SQL, Microsoft Office, Google Suite, Data Analysis (NumPy, Pandas), Data Visualization (Matplotlib, Seaborn, Tableau), Machine Learning (Scikit-Learn, Tensorflow, PyTorch), OpenCV, NLP, Jupyter, Streamlit, GitHub.