ANURAAG RAVEENDRA KULKARNI

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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)

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.
- Presented the project to the management and leadership teams, including a written demo, a live demo and a PowerPoint presentation.

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, C++, C, Data Analysis (NumPy, Pandas, Excel), Data Visualization (Matplotlib, Seaborn, Tableau, PowerPoint), Machine Learning (Scikit-Learn, Tensorflow), OpenCV, NLP, PySpark, Jupyter, Docker, Azure Databricks, Linux, Bash Scripting, Streamlit, GitHub.

SOCCER ANALYTICS

- Created a Web Application That Uses Machine Learning to Find Similar Soccer Players.
  Wrote a blog explaining the entire process: thebeautifulgamereviewed.blogspot.com/2022/05/use-machine-learning-to-find-players-of.html
- Streamlit Web App Link: anuraag027-streamlitproject-streamlit1-9p1ed9.streamlitapp.com/
- 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 almost 1600 followers.
- Have had my visualizations featured on ex-Manchester United player Rio Ferdinand's YouTube channel.
- Experience working with data from leading industry data providers including Opta, StatsBomb, Wyscout, Metrica, Fbref, Whoscored, and Soccerment.
- Collaborated with a professional soccer player to analyze game footage, evaluate player performance, and identify areas for improvement. Utilized Python and Tableau to collect and inspect data, resulting in actionable insights that contributed to the player's success on the field.
- Active participant of Rutgers University Soccer Intramurals.