SANJANA RAJESH

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EDUCATION

Master's in Information Systems, University of Nevada, Reno	**Aug 2019 – May 2021**
Coursework: Information management and Visualization, Statistics and Decision Making	*CGPA (3.50/4.00)*
Bachelor's in Information Technology, Anna University, Chennai, India	**Aug 2014 - May 2018**
Coursework: Programming and data structures, Web Programming	*CGPA (3.45/4.00)*

TECHNICAL SKILLS

- **Programming Skills:** HTML; CSS; R; Python; MySQL; C++
- **Software and Tools:** Microsoft Excel; Microsoft Visual Studio; Rapid Miner; Microsoft Project; Microsoft SQL; Tableau; SAS; Anova
- **Other:** Data Mining; Data Visualization; Statistics; Machine learning

WORK EXPERIENCE

Junior Data Analyst   **Jun 2020 to Aug 2020**
Smartsoft International Inc, Atlanta, GA
- Accelerated data acquisition from multiple modules within S/4 HANA using SAP standards and tools
- Created and used SAP pre-delivered views for transactional and master data
- Created financial and sales reports using SAP cloud analytics

Graduate Assistant   **Jan 2020 to May 2020**
University of Nevada, Reno
- Designed and developed virtual slot machine using JavaScript, the project focused on concept of Losses Disguised as Wins (LDWs) that helps individuals get the "rush and reinforcement" of a victory
- Functioned collaboratively with Professor to assist and grade the class of management and organizational behavior with 300 students

Graduate Research Assistant   **Aug 2019 to Dec 2020**
University of Nevada, Reno
- Disseminated information and education regarding cryptocurrency and blockchain technology, and shared unmatched knowledge on decentralized technologies
- Researched and conducted analysis on using blockchain along with Internet of things(IOT) for smart cities and healthcare systems

Associate Branding Intern   **Feb 2018 to Dec 2019**
GoBumpr, Chennai, India
- Managed customer support in social media platforms and produced a 10% increase in customer engagement
- Explored business opportunities for offline branding and marketing
- Created a personalized and targeted Facebook campaign along with the team for the company's new offers, resulting in a 35% increase in click-through rates.

ACADEMIC PROJECTS

Database Design Project for healthcare data   **Aug 2019 to Dec 2019**
University of Nevada, Reno
- Database Design Project (SQL) worked with healthcare data from Renown healthcare hospital to manage patient information, manipulate and search patient data
- Designed ER-model and translated the model to relational schema for hospital management system
- Used tableau and excel to visualize the financial analytics and quality of care analytics for Renown healthcare data

Statistical analysis on first year box office receipts   **Aug 2019 to Dec 2019**
University of Nevada, Reno
- Conducted significance testing using regression analysis to calculate the first-year box-office receipts based on the total production cost, promotional cost and book sales
- Conducted statistical analysis using individual significance test and joint significance test

Project to detect Breast Cancer Survivability   **Dec 2017 to May 2018**
Anna University, Chennai, India
- Designed and developed a project titled "A deep learning approach for predicting breast cancer and survivability rates" using Recurrent neural networks and Concurrent neural networks
- Predicted the survivability rate of patients affected by breast cancer along with comparison of thermal images which aimed at differentiating the affected cells and unaffected cells in order to determine the affected breast cancer patients

ACCOMPLISHMENTS AND CERTIFICATIONS

- Published a paper titled "**A Deep Learning Approach for Predicting Breast Cancer and Survivability Rate**", in the **National Conference on Innovative Research Trends for Digital India (IRDIGIN 2k18)** and won the best paper award
- Certified System Architect from Pega Systems