SANKIRNA JOSHI

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EDUCATION

University of Cincinnati, Carl H. Lindner College of Business, Cincinnati, Ohio   Expected August 2020
Master of Science in Business Analytics

Mumbai University, Saraswati College of Engineering, Mumbai, India   June 2014
Bachelor of Engineering, Mechanical Engineering   GPA: 3.3/4.0

EXPERIENCE

InCred, Bangalore, India (FinTech Startup)   August 2017 - April 2019
Manager, BI and Data Viz.
- Planned, coordinated and executed all activities related to InCred's BI/DW ecosystem including requirements gathering, design, testing, implementation and deployment.
- Created and deployed multiple data marts and wrote SQL queries on top of them to feed various BI reports.
- Developed and maintained ETLs jobs and helped reduce the refresh time by 50% in over 6 months. Automated the entire flow to keep manual intervention to a minimum.
- Developed and maintained business-critical BI reports providing key insights on business, product performance and turn around times. Identified bottlenecks in process workflow which helped reduced TATs significantly.

Cognizant, Bangalore, India (Fortune 500 company)   August 2015 - July 2017
Programmer Analyst
- Developed and maintained Informatica ETL workflows and mappings, SQL scripts, and Linux shell scripts as per client standards and practices.
- Analyzed the production process to help identify, analyze, and document gaps if any and communicated the same to the team. Supported weekend and late night deployments and production issues. Monitored daily production jobs and sent out a status update to business users on a timely basis.

PROJECTS

- **Carvana Image Masking Challenge | Kaggle:** Performed Pixel-wise image segmentation using a deep encoder-decoder convolutional neural net on the Carvana dataset to discover a masking image around the car's edges to separate a car from its background – Project Link
- **Finding donors for Charity:** -Developed a Supervised classifier model(AdaBoost) to accurately predict whether an individual makes more than $50,000, and identify likely donors for a non-profit organization – Project Link
- **Creating Customer Segments:** Analysis of customer spending data using Unsupervised Learning techniques for discovering internal structure, patterns, and recommending based on the insights. – Project Link
- **Dog Breed Image Classifier:** Trained a deep learning model using convolutional neural nets employing transfer learning to identify if an image contained a dog and then guess its breed with high accuracy. – Project Link

SKILLS

Machine Learning:	Supervised learning, Unsupervised learning, NLP, Deep Learning, Reinforcement Learning
Languages/Libraries:	SQL, R, Python, Numpy, Pandas, Scikit-learn, Matplotlib, Keras, Tensorflow, Jupyter
Systems:	AWS, Google Cloud Platform, Linux, Windows
Data Visualization	Tableau, Redash, AWS Quicksight
Business Intelligence:	Redshift, Dynamodb, MySQL, Teradata, Informatica, Unix shell scripting

CERTIFICATIONS AND COURSES

- ANSI SQL Skill Certification – *Cognizant*
- Big Data Certification - *Big Data University*
- Machine Learning Engineer Nanodegree – *Udacity*
- Data Visualization with Tableau – *Udacity*
- Machine Learning – *Stanford University (Coursera)*
- Introduction to R – *DataCamp*