

Kanika Saini

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EXPERIENCE

Data Science Intern, Quicken Loans

Jun 2020 - Present

Currently working on a challenging and interesting project that would have a huge impact on Quicken Loans' leads. Contributed in the Pedestrian AI project and the Hack Week project.

Intern, Brillio Technologies

Jun 2017 - Jul 2017

Worked on a project to create a dynamic table in AWS Athena using Python. Created partitions in AWS S3 and validated the format of data stored in AWS S3.

PROJECTS

Digital Marketing Optimization (Sep 20-Present)

This project focusses on optimizing the various stages of customer journey funnel and help Quicken Loans become the leading source of digitally acquired leads.

- Performing statistical analysis on Direct Mail Model
- Working on the collecting data for Bid Optimization model.
- Collected keyword performance metrics for 15 minute grain

Text Summarization (Sep 20-Present)

This NLP project focusses on generating summaries of customer reviews

- Working on the main model
- Worked on the baseline model
- Pre-processed the data

Pedestrian AI (Jun 20 - Sep 20)

The main objective of the project was to predict the number of pedestrians on the sidewalk using deep learning algorithms.

- I collected the most relevant video files from an AWS S3 bucket and extracted frames from the video.
- Generated ground truth values using AWS SageMaker Ground Truth.

Google Search Results Scraper for Intelligence Tool (July 20 - July 20)

The goal of the project was to analyse the web scraped data for Google Search Query and get meaningful information.

- Scraped the data using BeautifulSoup python package for sample Google queries (Data Collection)

Prediction of Walmart Sales (Aug 19- Dec 19)

Built a prediction system that would predict the Walmart Sales during holiday season

- Built models
- Optimized the results

Prediction of Survival Rate for Lung Cancer Patients (Jan 19-Jul 19)

- Implemented all phases of a data science project
- Chose the best algorithm by comparing performance metrics of several machine learning models.
- Runner up in British Computer Society's Award for Computer Science Innovation

EDUCATION

Master's, Computer Science

Aug 2019 - Present

University of North Carolina at Charlotte

GPA: 4.0

Study Abroad Program, Computer Science

Jan 2019 - May 2019

Teesside University

Bachelor of Technology, Information Technology

Jun 2015 - May 2019

SRM Institute of Science and Technology

Percentage: 89

SKILLS

Programming Languages: Python, SQL, Java, C++, HTML

Platforms: Anaconda, Orange, Eclipse

AWS: AWS S3, AWS SageMaker Ground Truth

Data Science: Data Collection, Data analysis, Model Building, Optimization

Soft Skills: Team Player, Adaptive, Self-Motivated, Analytical Skills