**Sara Singh**

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Ashburn, VA 20147

**Education** [list your education starting with the most recent and work backwards – delete this note]

George Mason University, Fairfax, VA Expected December 20XX

**Master of Science, Data Analytics Engineering**

GPA: 3.7

Indian Institute of Technology (Delhi), New Delhi India June 20XX – April 20XX

**BSc Computer Science**

**Technical Skills**

**Coding:** Java, HTML, Python, R, C+

**Databases:** MySQL, SQL, Apache Hadoop, SaaS, Oracle Big Data Spatial and Graph

**Tools:** Rapid Miner, Apache Spark, DataRobot

**Operating Systems:** Windows, Linux

**Certifications:** Oracle SQL Developer Certified Associate

**Experience** [list your experience starting with the most recent and work backwards – delete this note]

**Graduate Data Analytics Engineering Capstone Project**August 20XX – Dec 20XX

* Collaborated with a client in the subscription services industry to develop a predictive model for customer churn using historical transaction, engagement, and support ticket data
* Engineered features from raw data and performed exploratory data analysis (EDA) to uncover trends, missing values, and potential churn indicators
* Built and evaluated multiple machine learning models (logistic regression, random forest, XGBoost); selected the final model based on F1-score and ROC-AUC, achieving 82% prediction accuracy
* Delivered actionable insights and visualizations using Python (Pandas, Scikit-learn, Seaborn) and Tableau; presented final findings and recommendations to stakeholders

**Oracle**, Consulting Intern Reston, VA June – August 20XX

* Developed and implemented test scripts.
* Created complicated queries using SQL and MySQL, accessing data from various systems and cleaning it.
* Used automation to enhance operational efficiencies and streamline the work processes.
* Received and used big data training including Oracle NoSQL, Oracle Big Data Spatial and Graph.

**IDInsight**, Data Analyst Delhi, India May 20XX – May 20XX

* Collaborated on the development of IDInsight’s evaluation plan for an agricultural study.
* Created data collection and visualization tools for a water safety study in Somalia.
* Analyzed and reported on data collected in order for government leaders to make impactful decisions.
* Presented and responded to queries from government clients.

**Freddie Mac**, Software Engineer Intern Mumbai, India June 20XX – June 20XX

* Participated as a member of a project team to develop innovative, high-quality software solutions in an Agile development environment.
* Developed, modified, and designed software based on requirements/design specifications.
* Helped define business and user needs and processes; identified solutions, collaborated with project team/sponsors in determining the best solution.