# PARTH PATEL

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Data Analytics | Business Analytics | Data Storytelling
Database | Data Visualization | Teamwork
Ottawa, Ontario

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## SUMMARY OF QUALIFICATIONS

- First year Master of Electrical and Computer Engineering student at the University of Ottawa
- Over 1 year experience in Business Analytics as well as Data Analytics.
- Excellent communication and teamwork skills honed through one year of tutoring experience
- Analytical & quantitative skills and innovative approach developed by working on group and individual projects throughout bachelor's and master's degree
- Fluent in English, Gujarati, Hindi and beginner in French

## EDUCATION

**Master of Engineering, Electrical and Computer Engineering** (CO-OP)          September 2023 - present
University of Ottawa, ON
- Expected graduation date: April, 2025
- Relevant courses: Data Analytics Foundation, Advance Analytics, Data Science Applications, Data Science in Finance Sector, Communication & Influence for Engineers, Professional Skills & Development

**Bachelor of Technology, Computer Science**                              June 2019-May 2023
Gujarat, India
- Relvant courses: Data Visualization, Big Data Analytics, Modern Networks, Professional Report Creation & Evaluation, Foundation of Data Science & Analytics, Software Engineering, Data Processes & Models
- Event Co-ordinator for 3 years.

## RELEVANT SKILLS

*Engineering Skills*
- Strong knowledge of Elicitation techniques, documentation and collecting, cleaning, and analyzing data to derive actionable insights.Proficient in Agile Framework with all major visualization tools and Analytics Techniques as well as data visualization & data storytelling.
- Exceptional Familiarity with technical insights discovery techniques and to convey it to the stakeholders of non-technical background along with proficient Cloud Skills

*Technical Skills*
- Programming Languages: **R, Python, SQL, MongoDb, C, Java SE**
- Softwares: **Tableau, Power BI, Conda, MS Visual Code, Google Colab, Data Studio, Jupyter**, **MS Word, MS Excel, MS Powerpoint**
- Frameworks: **Parquet,Pyspark, Kubernetes, matplotlib, pandas, numpy, scikit learn, seaborn, cloud technologies**

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*Communication Skills*

- Prepared and delivered weekly project status presentations to upper management.
- Succefully satisfied most of the stakeholders with the insights report presentation.
- Strong verbal, written, communication and presentation skills.

## APPLIED PROJECTS

**Twitter Sentiment Analysis**
- A web-based sentiment analysis dashboard which provides the sentiment of the tweets.
- The tweets are the real tweets fetched with the help of the twitter tokens.
- Data pre-processing is done, and Naive Bayes Classifier is used as the ML model which classifies the sentiments.
- The sentiments classification is displayed with interactive charts.
- Tools & Technologies used: python3, node.js, vue.js, Flask, vscode, jupyter-notebook, nltk, venv, bootstrap, sql

**Gender Based Voice Classification**
- A project based on machine learning and data science, where I used classification algorithms to determine whether from the given data, the voice is of male or female.
- Tools & Technologies used: python3, classification algorithms, data pre-processing

**Income Classification**
- A project based on machine learning and data science, where I used classification algorithms to classify from the given data, if the income of a person is below or above 50,000 USD.
- Tools & Technologies used: python3, classification algorithms, data pre-processing

**Analysis of Medical Appointment no-show scenario**
- This is a data science and analytics project where primary aim is to find certain reasons and validations for why certain patients tend to skip the allotted appointment slot with the doctor.
- Also, I have tried to find the root cause for such behaviour of the patients
- Tools & Technologies used: python3, classification algorithms, data pre-processing

**Card Tampering Detection**
- This project is focussed on detecting the amount of tampering in the card using data analytics, pre-processing and machine learning algorithms.

**Dashboard Development in Tableau & PowerBI**
- Developed multiple dashboards in Tableau and made it easier for clients to understand the technical information.

**Cyclistic Bike Sharing Case Study**
- The case study all about helping an organization named Cyclistic to lure more casual riders to take annual membership. My role as a junior data analyst was to find the major differences between the two types of the riders and to get insights from the data and to help the marketing team to design an appropriate marketing campaign.

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**Motion Detector**
- A python-based web application which captures and timestamps the motions detected in the frame of the camera.
- Also, it will create a graph for the user-friendliness and csv file with all the timestamps.
- Tools & Technologies used: python3, OpenCV, datetime, vscode, pandas, bokeh

## CERTIFICATIONS

- Google Data Analytics Professional Certificate – from Coursera
- Google Advance Analytics Professional Certificate – from Coursera
- Data Science Foundations-from Linkedin Learning
- Become a Data Analyst – from Linkedin Learning (On-going)

## RELEVANT WORK EXPERIENCE

**Data Analyst Intern**                                               December 2022-May 2023
AVM Analytics, Vadodara, India
- Responsible for doing analytics as well as managing different aspects of the organization.
- Successfully worked on finding the hidden insights and patterns from the data.
- Collaborated with team members for data collection, data cleaning, and Data visualization

**Data Science Intern**                                               January 2022-July 2022
Smart Knower Solutions, Bengaluru, India
- Successfully implemented various Data analytics techniques on multiple projects and collaborated with colleagues in data collection, data elicitation, data processing, data visualization and insights finding.
- Acefully presented the insights to the stakeholders of non-technical background.

## OTHER EXPERIENCE

**Programming Tutor**                                               June 2022 – June 2023
Amee Computer Classes, India
- Provided one on one as well as group training on Java SE and Python Programming language
- Installed and configured software for home-based personal computers

**Volunteer Coordinator**                                         September 2023 - Present
PDC , University of Ottawa
- Actively Coordinating to organize and manage various events in the university.
- Supervising team of 6 volunteers in their daily tasks in order to ensure a successful integration

## EXTRA-CURRICULAR ACTIVITIES

**Lead Coordinator, Execcutive Council of CHARUSAT**               Jan 2021– Jan 2023
CHARUSAT, Gujarat, India