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OBJECTIVE: To effectively and successfully perform duties of information technology professional utilizing my previous experience and educational background.

PROFESSIONAL HIGHLIGHTS

- Bachelor's degree in Information Technology
- 4 months of experience as RPA Developer in AIPath Pro Technologies
- 4 months of as Machine Learning Engineer in Two Rings Media
- 1 year of experience in Machine Learning using Python programming in EY
- 3 years of experience as XML Programmer in Aptara Learning Private Limited
- Build a 'Fraud detection' model using Machine Learning (Graph kernels and SVM)
- Dedicated commitment to providing superior, timely, internal and external customer service
- Strong interpersonal skills with the ability to communicate clearly and effectively in verbal and written form.
- Effective problem-solving and decision-making skills in a team environment.
- Highly organized with the ability to multi-task.
- Excellent at learning and understanding new technology and adapt easily to new environment

Technical Skills

Programming Languages	Python, HTML, XML, C, C++
Operating Systems	Windows, Linux
Databases	Neo4j, IBM DB2, Microsoft SQL
Microsoft Services	MS Office 365: Excel, Power BI, PowerPoint, Word
Software package/Tools	Selenium IDE, Netbeans, Scikit learn, Tensorflow, SciPy, Matplotlib, Pandas, IPython, PyTorch, Adobe Photoshop
GUI	Anaconda Navigator: Jupyter Lab, Jupyter Notebook

WORK HISTORY

RPA Developer AIPath Pro Technologies July 2019 - Oct 2019

- Research about the different RPA tools and the RPA tools which supports Machine Learning
- Learned the basics about Automation Anywhere and Intellibot

Machine Learning Programmer Two Rings Media Jan 2019 - April 2019

- Analyzed different economic indicators that affect construction equipment market size and made an analysis report in Microsoft Power BI, Google sheet
- Surveyed 10+ financial fraud detection systems to develop a new fraud detection system

Machine Learning Programmer Ernst & Young Aug 2017 - Aug 2018

- Implemented the design in a supervised model of machine learning to complete the project on time
- Tested different fraud detection learning methods by using python programming in Scikit learn to prepare the performance report
- Gathered the financial data from the online resources like Kaggle, UCI machine learning repository to make a dataset for the fraud detection model
- Study and transform data science prototypes
- Design machine learning systems
- Creating machine learning models and retraining systems
- Research and implement appropriate ML algorithms and tools
- Select appropriate datasets and data representation methods

- Run machine learning tests and experiments
- Perform statistical analysis and fine-tuning using test results
- Train and retrain systems when necessary

XML Programmer Aptara June 2013 - July 2016

- Edited the documents such as the converted pdf by using epsilon editor before digitization to achieve a 100% quality
- Executed work in math coding and XML programming to reduce the target time by 25%
- Coded macros by using Epsilon editor to reduce the XML program coding time by 50%

EDUCATION / TRAINING

Internationally-Trained Professional Co-op Program **Apr 2019**
St. Gabriel's Adult Learning Centre, Mississauga, ON

Deep Learning for Computer Vision **Jan 2019**
Muthoot Institute of Technology, India

Data Science and Machine Learning **Oct 2018**
Indian Institute of Technology

Bachelor of Technology (Information Technology) **Jun 2012**
Marian Engineering College, India

CERTIFICATIONS

What is Data Science? - Mar 2019
Coursera - IBM

IBM Certified Associate Developer: **Rational Application Developer for Websphere Software V6.0**

IBM Certified Academic Associate: DB2 9 Databases and Application Fundamentals

IBM, India - 2012

RESEARCH PROJECT

Thesis title: Fraud detection in financial data using Machine Learning

PROJECT SUMMARY

- Analyzed the input financial csv data using graph database known as Neo4j. Then found the disconnected components and converted these disconnected components into graphs.
- Applied Weisfeiler-Lehman subtree graph kernel computation on graph data to find the graph kernel.
- By using Support Vector Machine, the kernel matrix is classified and builds a Fraud detection model.