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Education

National Research University Higher School of Economics, Moscow

Master of Science in Data Science, May 2021

Meltwater Entrepreneurial School of Technology, East Legon

Post Graduate Course in Software Entrepreneurship, May 2015

University of Cape Coast, Cape Coast

Bachelor of Science in Computer Science, May 2013

Skills

Languages: Python, SQL

Work Experience

Freelance Data Analyst at scracthpay.   July 2019 – June 2020

- Built and managed data pipelines to aid in data ingestion and data warehousing using Hevo and BigQuery.

- Built analytics dashboards to aid Risk Officers in decision making.

- Worked on ad hoc analysis to aid Risk Officers have a better understanding of the distribution of borrowers

- Worked on ad hoc analysis to aid Risk Officers have a better sense of the distribution of possible financial gamers

- Worked on ad hoc analysis to aid Risk Officers track possible financial gamers

Backend Engineer at mPharma Data Inc.   July 2017 – Aug 2019

- Built a knowledge base engine that classifies dispensations as accurate, inaccurate or suspicious. This helped the company to sanitise internal business data

- Built a web crawler which retrieves ATC-Codes of drugs stored in our formulary.

- Performed analysis on Internal Business Data for various stakeholders in the company.

- Built a payment system which has processed over 19,000 transactions

- Built invoicing system that aids mPharma to bill clients

Freelance Software Developer at Inflexion Capital   February 2017 – June 2017

- Developed a prototype price comparison engine which allows customers to compare and buy travel insurance .

Freelance Data Analyst at Fido Lending Services   January 2016 – April 2016

- Using K-Nearest Neighbour and a novel feature selection approach, I clustered customers of Fido Lending Services based on their addresses, thereby aiding Fido's Chief Risk Officer build better models for predicting loan defaulters

- Using natural language processing, I analysed use of funds text of customers of Fido Lending Services. This aided the Chief Risk Officer to design and build better models for predicting loan defaulters

- Using Pandas and SQL I wrote queries which converted semi-structured data to a structured form which aided the Chief Risk Officer to build better models for predicting loan defaulters

Software Developer at Kudobuzz   April 2015 - December 2016

- Developed a sentiment analysis engine using scikit-learn, to aid clients of Kudobuzz detect the sentiment behind reviews

- Developed a business dashboard using data mining techniques (mining business data) to aid the C.E.O and the product lead make strategic business decisions.

- Built third party integrations for Queueapp. These integrations allowed Shopify, Tictail, Bigcommerce, Storenvy and Woocommerce users to interact with Queueapp

- Built a prototype products search engine called Storeuno

Projects worked on

- BaiKal — A machine reasoning system that uses GRU's to answer questions about a given context.

- Covid-19 Forecaster — A machine learning model that forecasts confirmed covid cases and fatalities around the world based on day and region

- Houdini -- A web-mining tool, which mines tweets for purchase intent thereby finding leads for salespersons. (Based on [this](#) paper.)

Extra Certifications

- Machine Learning Foundations: A Case Study Approach ([Coursera](#))
- Machine Learning: Regression ([Coursera](#))

References

Available Upon Request