Victor Ukpe

viukpe@gmail.com | 709-219-6799 | linkedIn/victor-ukpe | github/viukpe | viukpe.com

EDUCATION

BSc Computer Science in Data-Centric Computing (Minor In Economics)   St John's, NL | Jun 2023
MEMORIAL UNIVERSITY OF NEWFOUNDLAND
Python tutor: Canada Learning Code - 7 events
Resident Assistant(RA): Memorial University student housing - 2 semesters

WORK EXPERIENCE

CLEARRISK | SOFTWARE DEVELOPER   St John's, NL | Sept 2021 – Sept 2022

- Collaborated with product manager to outline a 3-phase strategic plan for implementing ML/AI features into the product roadmap. Presentations led to increased team collaboration and resources on data-driven projects.
- Architected and built automated ETL process that reduced data errors by 90% in collections containing large unstructured financial data. Employed AWS services like Glue, S3, Lambda, API Gateway, and DynamoDB.
- Accelerated data processing by creating Python automation scripts, facilitated swift data analysis using PostgreSQL and PySpark, and resolved 100% of assigned back-end feature bug tickets in Java, contributing to system stability.
- Effectively represented the company as an intermediary to an external machine learning firm by providing requested high-quality data and communicated updates on implementation in weekly company-wide meetings.
- Documented ETL process, encompassing architectural diagrams, data flow diagrams, and technical specifications, earning an average rating of 4.8 (out of 5) in internal audits. Providing future reference and knowledge transfer.
- Resolved critical package dependency issues in automated CI/CD build pipeline, utilized Gitlab and Jenkins.
- Received a final grade of "**pass with distinction**" at the end of 8-month co-op program.

PROJECTS

CADABRA BIG DATA SYSTEM ⤤   AWS (KINESIS, EC2, S3, EMR, LAMBDA, DYNAMODB, AND MORE)
A 5-part cloud implementation that includes; Order history functionality, Product recommendations, Transaction rate alarm, Near real-time log analytics, Data warehousing and Vizualization using transaction data running on EC2 instance.

SENTIMENT ANALYSIS ON WEB-SCRAPPED ARTICLES ⤤   PYTHON (PANDAS, NUMPY, SELENIUM)
Performed web-scrapping on a diverse collection of data science articles from insights.blackcoffer.com and utilized natural language processing and sentiment analysis algorithms to conclude on the opinions expressed in the papers.

READER'S PLUG ⤤   PYTHON (PANDAS, MATPLOTLIB, SKLEARN, FLASK, BEAUTIFUL SOUP), AWS(EC2)
A natural language processing application that uses count vectorizer and employs multiple classifiers (including SVC, Naive Bayes, and Random Forest) to predict the genre of a novel based on its summary.

CREW CONNECT ⤤   JAVASCRIPT (NODE, EXPRESS, REACT), MONGODB, HTML/CSS
An online social collaboration website that makes it easy for filmmakers to find film crew members and view information on their past film projects. Features include search functionality, creation of crew rooms, to-do lists, room alerts Etc.

PRODUCTIVITY HUB ⤤   PYTHON (PLOTLY, DJANGO)
An improvement on an older simple to-do list app; added a page to show productivity metrics such as daily task completion rates, average task weight, and streak progression over time via interactive line charts and bar plots.

SKILLS

Languages & Frameworks: Python, R, Java, JavaScript, SQL, Stata, Django, Flask, Node, Express, React
Big data: Spark, Hadoop, ETL, Data science pipeline (cleansing, wrangling, visualization, modelling, interpretation), Streaming, APIs
Technology: Git, AWS, Postman, Apache, LaTeX, MongoDB, Tableau, Docker, Jenkins, Linux

CERTIFICATIONS

Certified Cloud Practitioner, Amazon Web Services (AWS)
Scrum Fundamentals Certified, ScrumStudy