DATA SCIENTIST & SOFTWARE ENGINEER

Chidindu Promise Ogbonna

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PROFESSIONAL EXPERIENCE

MEDHERD
DATA SCIENTIST/ SOFTWARE ENGINEER   August 2019 - Present

- Prepared a data tracking plan for our web apps, to track events across all our services. Ensured consistency in our metrics and KPIs
- Built our backend services, leveraging serverless technologies (Google Cloud Platform). Reduced cost by 20% and improved reliability and maintenance.
- Built and deployed information retrieval services to Cloud Run, triggered at a scheduled period using Cloud Pub/Sub
- Implemented ETL services to export data to Big Query for faster queries and data analysis.

ENTERFIVE
JUNIOR SOFTWARE ENGINEER   April 2018 - May 2019

- Implemented service workers to improve **offline** support for browsers in developing areas, thus increasing engagement in our PWAs.
- Improved read-time of data on the client apps by 40% by utilizing a NoSQL database.
- Leveraged **WebRTC** in implementing a scanner for detecting QR codes in our PWAs.

EDUCATION

UDACITY
MACHINE LEARNING ENGINEER   2019 - 2020

- Studied the mathematics behind machine learning (shallow and deep learning) algorithms.
- Utilized convolutional neural networks in building image classification services.
- Built a plagiarism detector utilizing a LSTM (an RNN).

FEDERAL UNIVERSITY OF TECH, OWERRI
ELECTRICAL ELECTRONICS ENGINEERING   2013 - 2019

- Collaborated in founding the Google Developer Group (now DSC).
- Collaborated in building a solar panel farm to generate electricity for the Engineering faculty

PROJECTS

- [Cloud-Functions-Boilerplate](#) - An open source template for building cloud functions, minimizing cold start time and improving developer experience.
- [Revipt](#) - An attempt at demystifying the shopping receipt for improved understanding and visualization.
- [DataHorror](#) - A personal blog on data, machine learning and technology.
- [Grid](#) - A service for online vendors to create campaigns and collect payments online.