ISRAEL ALOAGBAYE IGIETSEMHE (formerly Aloagbaye Momodu)

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SUMMARY

Seasoned Data Scientist experienced working with large datasets, breaking down information and applying interpretations to complex business concerns. Proficient in distribution, predictive and hypothetical modeling. Fully knowledgeable in Python, R, SQL and Power BI. Dedicated to skill development and bringing value to dynamic teams.

SKILLS

- Python
- SQL
- Microsoft Excel

- R
- Microsoft Power BI
- Web development (Wordpress, HTML, CSS and PHP)

EXPERIENCE

Graduate Research Assistant

University of Toronto | Toronto, ON | Sep 2014-Current

- Collected user and business requirements and put together detailed project plans.
- Led a team that developed random forest models in helping Nestle Canada in underpayment claims classification.
- Led a team that developed a local heuristic search model for inventory allocation for Nestle Canada with potential reduction in penalty costs up to $200,000 monthly.
- Supervised a Natural Language Processing project on analyzing Twitter trends of latest beer flavours.

Machine Learning Specialist

CIBC | Toronto, ON | Jul 2017-Aug 2017

- Initiated an unsupervised learning system for outlier detections in managing role-based access control.
- Implemented python codes using selenium package for web scraping of employee profiles.

Lecturer, Industrial Engnineering

University of Benin | Benin, Nigeria | Oct 2010-Aug 2014

- Delivered course lectures production management, human factors engineering and computer aided design.
- Supervised students and offered insight and guidance during research and presentation of project reports.
- Developed guides and course materials to reinforce lecture information and help students learn.
- Advised students as a course adviser for three sessions and reported students results using a software designed in Microsoft Excel VBA.

EDUCATION AND TRAINING

Ph.D.: Industrial Engineering
University Of Toronto | Toronto, ON | Expected in Aug 2021
- Applied lattice methods in the robust valuation of financial derivatives with uncertain parameters.
- Completed coursework in Markov Decision Processes, Non-Linear Programming and Linear Optimization.

School of Continuing Studies: Big Data Analytics
York University | Toronto, ON | Nov 2020
- Big Data Analytics for supervised and unsupervised learning in Python and R.
- Business Intelligence and Data Visualization skills with Tableau and Power BI
- Team works through projects on real-life data.

Master of Engineering: Industrial Engineering
University Of Benin | Benin, Nigeria | Nov 2010
- Completed coursework in Computer Methods and Applied Statistics, Systems Engineering and Scheduling and Inventory Control.
- 3.61/4 GPA

Bachelor of Engineering: Production Engineering
University Of Benin | Benin, Nigeria | Nov 2008
- 4.61/5 GPA
- Best graduating student in a class of over one hundred students.
- TotalFinaElf scholarship Recipient

WEBSITES, PORTFOLIOS, PROFILES
- www.linkedin.com/in/momoduai
- www.github.com/Aloagbaye
- bit.ly/IBMAloagbaye