

Kojo Hinson

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Professional Summary

I'm a **software developer** with a scientific background, currently dedicating my efforts to developing **data warehousing** solutions, **enterprise software** development, and **solution design**.

Work Experience

Walgreens Boots Alliance

Software Developer
01/12/2014 – Present

Key Responsibilities:

- **Solution Design** and Implementation for **Data Warehousing** processes including **ETL**, code deployment, mass migration, environment management, **data modelling**, and source control
- Designing early stage **proof of concepts** for mandated projects
- Assisting technical analysts to identify and **solve technical issues**
- New **feature implementation**

Culham Centre for Fusion Energy

Applied Radiation Research
22/07/2014 – 19/09/2014

Key Responsibilities:

- **Designed solution** to improve resolution of neutron spectrum in **MCR2S process** using **FORTRAN**
- **Data cleansing** and **visualisation** using **Python (NumPy/SciKit)**
- Designing **batch processes** using **shell scripts**
- Simulating neutron collisions using **MCNP**

Core Tools

C#
SQL
DB2
LINUX/UNIX
Python
FORTRAN

Core Skills

Software Development
ETL/ELT Solutions
Shell Scripting
Data Warehousing
OOP
Data Architecture
Server Admin
Source Control
Requirement Gathering
Data Cleansing

Core Knowledge

Linear Algebra
Multivariable Calculus
Numerical Analysis
Linear Regression
Logistical Regression
Hypothesis Testing
Probability Theory
Matrix Algebra
Data Structures and Algorithms
SAP & CRM Architecture
Data Science

Education

BSc Mathematics and Physics – University of Bristol (2008-2011)

MSc Physics and Technology of Nuclear Reactors – University of Birmingham (2012-2014)

Extra Skills & Interests

Java
Pandas (Python Library)
Hadoop
Mean.js
HTML & CSS
Machine Learning
Nuclear Engineering
Music Production
Fluency in French
Deep Learning