

Kojo Hinson

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Professional Summary

I'm a **software developer** with a scientific background, currently dedicating my efforts to **back end** software development, **front end** software development, and **solution design** at **Oakbrook Finance**.

Oakbrook Finance

Software Developer
01/04/2016 – Now

- **Full stack web development** in an **Agile** team
- Event Driven Service Based Architecture
- C#. JavaScript (Angular 2), RabbitMQ, Appveyor, Azure, Bitbucket, Node.Js, Octopus Deploy, Data Dog

Walgreens Boots Alliance

Software Developer
01/12/2014 – 01/04/2016

- **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

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

Work Experience

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

Machine Learning
PowerShell
UNIX
Nuclear Engineering
Music Production
Fluency in French
Matlab
Python
HTML/CSS

Core Tech

C# (.NET)
JavaScript
(Angular/React/Node)
MongoDB
SQL

Core Skills

Full stack software development
RESTful API Design
CI Integration
Unit Testing
Test Automation (Selenium)
Solution Design

Core Knowledge

OOP
SOLID Principles
Software Architecture
UX Based Product Design
Linear Algebra
Multivariable Calculus
Numerical Analysis
Vector calculus
Differential Equations