Michael Sinyangwe

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PROFILE

Has empathy for colleagues and clients. Honest, reliable, and enthusiastic person, with a diverse range of admin, analyst, technical, and project management experience.

KEY ACHIEVEMENTS

- In my current company **(Obsidian {which I founded})**, a number of my open-source algorithms have been picked up by **Microsoft** and included in their **SQL Server** database product. The most recent ones, which Microsoft now has in public preview, are called **Vector Functions**. This for me, has been one of my most **Satisfactory Achievements** in business, because it is a **Verifiable** achievement, which basically speaks for itself, seeing as Microsoft is a big tech company, and SQL Server is **Business Critical Software**, for many organisations worldwide.
- In my previous company **(MooD International {bought out by CACI UK})**, my **Proudest Achievement**, was to be **Seconded** to a company called **Datapoint** to basically **Rescue It From Collapse**. Along with a small, dedicated team, we brought a completely 'blue sky' **Contact Centre Management Experience** to market, and therefore managed to secure a company **Buy-Out**. I was **Most Pleased** with the fact that **My Name Was Written Into Future Engagement Contracts**, demanding that I would continue working for Datapoint, or else there would be no deal. I also **Personally Generated Around £300,000** of ongoing professional services revenue within the space of a few months.

RELEVANT EXPERIENCE

- In my current company **(Obsidian {which I founded})** – I engaged in the **Open-Source** industry (many organisations are now using Obsidian algorithms), to theorise, research, develop, and eventually deliver, fully fledged **Initial Operating Capability Foundational Machine Learning Algorithms**, which are easily customised and integrated into proprietary software products and services. I mainly developed source code in **Python**, **T-SQL**, and **VBA**. The algorithms include, but are not limited to the following:
    - **Quantitative** Machine Learning – Deals with **Relational** data analysis – Introduced non-linear multivariate graphs of nodes.
    - **Qualitative** Machine Learning – Deals with **Signature** data analysis – Introduced automatic segmentation of semi-structured data.
    - **Sequential** Machine Learning – Deals with **Symbolic** data analysis – Introduced semantic transformer-based large language modelling.
    - **Abstractive** Machine Learning – Deals with **Theme** data analysis – Currently in mid-research phase, heading for release within the next 12 months.
    - **Probabilistic** Machine Learning – Deals with **Distribution** data analysis – Introduced multimodal density-based confidence modelling.
    - **Extractive** Machine Learning – Deals with **Causal** data analysis - Currently in early-theory phase, heading for release within the next 3 years.
    - **Reinforcement** Machine Learning – Deals with **Task** data analysis – Introduced model-free proximity-state-based reward-penalty modelling.
    - **Mimitive** Machine Learning – Deals with **Entropy** data analysis – This is currently not on plan, but will be brought to market eventually.
    - **Objective** Machine Learning – Deals with **Decision** data analysis – Introduced integral-smoothed portfolio-based active task modelling.
- In my previous company **(MooD International {bought out by CACI UK})** – I engaged with a company called **Allianz** in order to deliver a **Prediction** and **Forecasting** prototype, which allowed their insurance division **Contact Centres** to better coordinate product and service

Changes and **Feature Rollouts**, while better **Optimising** the contact centre **Agent Scheduling Plans**. The concept aimed to primarily **Reduce Demand Surge Queues**, but also to **Increase Average Agent Utilisation**.

TECHNOLOGY SKILLS

- Proficient in T-SQL, Python, Excel-VBA, all MS Office apps, MooD 16, and Salesforce.
- Intermediate in Visual Studio (similar to Anaconda), SSMS (similar to Anaconda), HTML, CSS, PowerShell, SSRS, C++, SSA, and SSIS.
- Future skills targets include JavaScript, Kotlin, C#, .Net Core, C, R, and Java.

CAREER HISTORY

Video Blogger, Obsidian Libation, Global: Aug 14 – Present
- Spread justice, faith, hope, and love, far and wide.

Author, Philosopher, and Theologian, Obsidian Oblation, London: Jan 13 – Present
- Wrote and published secular and religious books.

AI Theorist, AI Researcher, and AI Developer, Obsidian Scarlett Daisy, London: Dec 12 – Present
- Advised and coded core AI capability and algorithms for technology consulting firms.

Data Scientist, Independent, UK: Oct 06 – Present
- Sourced, extracted, transformed, loaded, visualised, and narrated data.

Information Technology Consultant, CACI UK, Bristol: Jun 19 – Sep 19
- Relationship manager, project manager, business analyst, administrator, and technical architect.

Care and Support Worker, Allied Healthcare, London: Jun 16 – May 18
- Supported clients to live as independently as possible in their own homes.

Data Insight Volunteer, Caritas Social Action Network, London: Feb 16 – Jun 16
- General assistant to the network development officer.

Administrator, Westminster Cathedral, London: Sep 14 – Aug 15
- General assistant to the cathedral sub-administrator.

Fundraising Assistant, The Passage, London: May 14 – Aug 14
- General assistant to the business director.

Information Technology Consultant, Mood International, London: Sep 10 – May 14
- Relationship manager, project manager, business analyst, administrator, and technical architect.

Project Management Consultant, General Dynamics UK, UK: Apr 10 – Jun 10.
- Managed a quality assurance project.

EDUCATION AND QUALIFICATIONS

MSc Business and Management, Aston University, Birmingham: Oct 09 – Oct 10
- 69% Merit with honours.

BSc Biochemistry, University of Warwick, Coventry: Oct 06 – Jun 09
- 58% 2.2 with honours.

The Cardinal Wiseman School, London: Sep 99 – Jun 06
- A Level Biology, Chemistry, Law, and Critical Thinking… Also, 10 GCSE passes.

AWARDS AND POSITIONS HELD

- PRINCE2 Foundation and Practitioner 14.
- ITIL Foundation 13.
- Scouted to Join the GB Lions National American Football Team 09.
- Twice Britbowl Runner-Up 08-09.
- Team Coach for the Warwick Wolves 09.

- Offensive MVP with the Redditch Arrows 08.
- British American Football League Featured Player 08.
- British American Football League Division One Champion 08.
- Captain of the Warwick Wolves University American Football Team 08.
- Captain of the London Blitz Youth American Football Team 07.
- Youth Confirmation Assistant Catechist 04-05.
- Member Of the National Academy for Gifted and Talented Youth 04.
- Captain Of My High School Rugby Team 03-04.
- Grade 5 Trombone 04.
- Member Of Ealing Junior Music School's Jazz and Brass Bands, and Symphony Orchestra 98-04.
- Altar Server at Our Lady of the Visitation Parish 96-03.
- Chief Scout Challenge 03.