Matt Schofield

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github.com/mattschofield

EXPERIENCE

| 2015–present | **Credit Kudos** | *Founder & Chief Technology Officer* |

LONDON

- Responsible for early product development, software architecture and data engineering
- Built strong engineering culture of open debate, with focus on long-term improvements and careful management of technical debt
- Designed network infrastructure for high security, adopting "Privacy by Design" and other Data Protection standards
- Codified and built necessary procedures and controls for ISO27001 certification and FCA authorisation
- Devised, implemented and ran hiring process for the EPD organisation from 0-20
- Crafted and ran effective performance management and progression framework, resulting in exceptionally-low attrition and high levels of productivity

| 2013–2015 | **Universal Music Group** | *Manager, Digital Development and Tools* |

LONDON

- Single-handedly designed and implemented robust 5000 LOC alerting service in Go
- Developed full-stack Javascript application for managing online profiles
- Implemented zero-infrastructure, data-driven emailer service in AWS Lambda
- Built several Cassandra- and Redis-backed Node.js analytics APIs

| 2013–2015 | **Spinnup** | *Chief Technology Officer* |

LONDON

- Effectively led several remote development teams
- Oversaw successful migration from standalone hosting to AWS cloud
- Redesigned software stack for cloud environment

| 2011–2013 | **Universal Music Group** | *Technology Intern* |

LONDON

- Developed Ruby process to import iTunes EPF data.
- Implemented data mining model to explore artist associations.
- Contributed to one of the first Spotify apps to have over 1m installations

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TECHNOLOGIES OF CHOICE

- JavaScript, Go, Ruby on Rails, AWS, Unix, Redis, React, LaTeX

EDUCATION

2009–2013 Computer Science with Industrial Experience
University of Manchester
1st Class Honours

- Advanced Algorithms, Understanding Programming Languages, User Experience
- Software Evolution, Data Integration & Analysis, Software Design with Patterns
- Compilers, Concurrency & Process Algebra

INTERESTS

- Music, Food, Languages, Technology, History, Football, Travel, Podcasts, Politics, Behavioural Economics, Strategy Games, Photography, Fantasy

LANGUAGES

- *French* (Beginner)
- *Italian* (Beginner)
- *Swedish* (Novice)

OPEN SOURCE SOFTWARE

FreeCycle

github.com/mattschofield/freecycle

A more modern rebuild of freecycle.org using Ruby on Rails, AWS and React.js.

Bike Spotting

github.com/JonNorman/bike-spotting

A data visualisation project for exploring the locations of Santander Cycles in London and plotting their usage throughout the day.

Knapsackery

github.com/mattschofield/knapsackery

An implementation of the multi-dimensional Knapsack problem, implemented in Go.

REFERENCES AVAILABLE UPON REQUEST