# Matt Schofield

+44 (0) 7575 581 518
matt.schofield.102@gmail.com
github.com/mattschofield

## EXPERIENCE

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| 2015–2021 | Credit Kudos | *Co-founder, Chief Technology Officer* |
| | LONDON | |

- Built and led the EDPR (Engineering/Design/Product/Research) team from 0 past Series-A
- Devised, implemented and ran hiring process for the EDPR organisation from 0-20, maintaining a culture of psychological safety and individual autonomy
- Built strong, collaborative and open engineering culture, with focus on long-term value, individual accountability and careful management of technical debt
- Crafted and ran effective performance management and progression framework, resulting in exceptionally-low attrition and high levels of productivity
- Designed and built network infrastructure for high security, adopting "Privacy by Design" and other Data Protection standards, making use of automation and infrastructure-as-code
- Codified and built necessary InfoSec procedures and controls for ISO27001 certification and FCA authorisation
- Led one of the first PSD2 third-party (TPP) engineering teams through the managed roll-out of Open Banking in the UK, integrating with and testing APIs offered by the UK's largest banks
- Represented the PSD2 third-party community on the Open Banking Technical Design Authority, alongside technical leaders in the largest UK banks

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|---|---|---|
| 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 artist profiles
- Implemented zero-infrastructure, data-driven emailer service in AWS Lambda
- Built several Cassandra- and Redis-backed Node.js analytics APIs

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| 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

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|---|---|---|
| 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

**TECHNOLOGIES OF CHOICE**

- JavaScript, Go, Ruby on Rails, AWS, GCP, Terraform, 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, Psychology, Technology, Company-building, History, Football, Travel, Podcasts, Politics, Behavioural Economics, Strategy Games, 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**