

Chris Campbell

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Commercially aware python developer with extensive soft skills. Experience gained in the public sector, academia and the private sector, including founding startups and private consultancy. Thinks strategically, focused on understanding and meeting business needs, able to quickly specify and build systems to MVP and beyond.

Experience

Sep 2016 - Present

Database Engineer - *Govnet Communications*

- Sole developer for company of 220, e-marketing firm sending 3 million emails per year
- Profiling and matching of booking contacts with existing email lists, deduplicating contacts and creation of single client record
- Set up tooling and deployment management (Jenkins, Ansible) from scratch
- Inherited large, fragmented and non standard code base (Django/Python)
- Migrated from existing setup (IIS on locally hosted machines) to AWS
- Scoping and requirements management for successor CRM systems

Jan - Sep 2016

C Campbell Consultancy

- “Tech lead” for treatout.com MVP - a location-based tool to match diners with extensive food allergies to restaurants with suitable menu items.
 - Solicit business requirements, specify and build the product;
 - ETL and data integrity tools;
- Technical advisor to Value People Limited - Better Business Case specialists.
 - Leading digitization of their product suite
 - Web-based version of economic analysis models and project dashboards currently based in Excel

2014-16

Co-Founder: *Strike.ly*

- Technical co-founder for Strike.ly, providing analysis for sports betting
 - API and backend design from scratch;
 - Redis-based queuing and caching system to handle slow queries;
 - Payments system integration using GoCardless API;

2013-16

Client Manager/ Grant Specialist: *GrantTree*

- Grant vetting and advisory for Innovate UK and H2020 technical applications
- Developed internal tools for grant matching and semantic analysis of technical narratives and data gathering questionnaires;

- R&D Tax Credits advisor, delivering tax refunds and credits for some of the UK's largest and best known tech startups

2011-13

Strategy Director: *Spacehive*

- Tested and project managed delivery of initial version of world's first civic crowdfunding platform - developer liaison and product management;
- Long term development strategy and scaling business model

2004-11

Department for Work and Pensions

Various policy and operational roles. Highlights include:

- 2011: DWP Social Justice Strategy
- 2010: DWP Strategy Unit - Ministerial briefing packs for 2010 General Election
- 2008: Personal Accounts Delivery Authority investment consultation
- 2007-08: Central Operations Directorate Manager, The Pension Service
- 2005: Child Support Agency Debt Strategy

Languages and Tooling:

- **Main languages & frameworks:** Python, Django, Flask, DRF, NLTK
- **Secondary languages & frameworks:** React.js, jQuery
- **Tooling & Automation:** Ansible, Fabric, Vagrant
- **Infrastructure:** Linux (Ubuntu & Debian), Nginx, Gunicorn, Redis, DigitalOcean, AWS
- **Databases:** Postgres, Redis, MariaDB, SQLAlchemy
- **On the horizon:** MongoDB, Android SDK

Education

2012-16

University of Stirling

PhD (pending) *The Coalescent State, Assemblages of Public Policy and Surveillance*

2007-09

University of Glasgow

MSc *Political Communication*

2000-04

University of Stirling

BA Hons (1st) *Business Law and Business*

Publications:

Privacy as a line of flight in societies of mass surveillance, 2016

The Coalescent State: Assemblages of public policy and surveillance, 2014

Big Data and the policy of crime: predictive analytics in societies of mass surveillance, 2014

Harrington Review of Work Capability Assessment, 2010

Personal Accounts Delivery Authority Investment Consultation, 2008