



## contact

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## languages

English (native)  
German (basic)

## agile

♥ SAFe ♥ Scrum,  
Kanban, Lean

## programming

♥ Python  
♥ SQL, NoSQL  
Java, C/C++  
♥ HTML5, CSS3  $\LaTeX$

## cloud

♥ civo google-cloud

## skills

♥ Data Analysis  
♥ Software Testing  
Software Development  
Automation

## frameworks

♥ Flask, React,  
BootStrap, CodeIgniter

## version control

♥ git perforce

## Data Analysis

Numpy, SciPy,  
Matplotlib

## Tools

♥ Docker, Ansible,  
Jenkins, ♥ gitlab

## Agile Coach | Test Engineer | Developer.

### I support delivering higher quality software with successful Agile teams.

As a proactive problem solver I work with clients to deliver simple effective solutions using LEAN & Agile Practises.

I am currently support a client adopting SAFe as an Release Train Engineer & Agile Coach/SPC. I'm collaborating to find new initiatives to support teams can be agile and will be delivering SAFe Training directly to client staff. Also a mutli-skilled developer I'm able to provide technical understanding and input as required.

This year I delivered a conference talk to Agile on the Edge, a customer conference, about focusing on core agile principles over practises that was well received.

## experience

### 2019–Present **BT - GES (Consultant)**

Manchester, UK

*Scrum Master | Test Engineer | Agile Coach*

I joined as a consultant to an established team working with government client, that was having problems with effective delivery. I successfully challenged conflict between the team and the business, facilitating the team to get the solution live. I have enabled the team to challenge high WIP limits, reducing throughput and a focus on business analysis to deliver LEAN products with end-to-end. As the tester on the team I've delivered a lean performance testing tool testing a streaming application, enabling high quality performance metrics with fast turnaround. Recently as an SPC I've been asked to become a Release Train Engineer and deliver SAFe Training on the client site, and will be facilitating the adoption of SAFe across the client. In my current role I'm supporting the professional development of fellow BT colleagues

#### Achievements:

- Performance Testing of Streaming Applications
- Challenge Hierarchical Agile and Enabled Team
- Focus on Delivery to Production and to Users
- Acheived SAFe SPC Status

### 2018–2018 **Martyn Coding (Contractor)**

Manchester, UK

*dunnhumby: Test Manager | Scrum Master*

I am part of data engineering working on Apache Spark, in Python and Scala, developing GDPR solutions for Apache Hive. I serve as scrum master to thr team, promoting agile working to improve delivery and quality, whilst reducing the complexity. I am actively coaching developers across sites promoting better use of JIRA and collaborative working. Additionally as the test manager, I prepare test plans and upskill the team to test code more efficiently and thoroughly. Achievements:

- Testing GDPR Scala applications on Apache Spark on GCloud
- Promote Agile understanding and adoption within teams
- Managing Internship Student

### 2018–2018 **Martyn Coding (Contractor)**

Manchester, UK

*Dream Agility: Python Developer & Consultant | Technical Coach*

I consulted with a small startup venture to help deliver a product to production. The application is a small webapp running in google-cloud using google services, written in Flask and celery. I provided consultation and training to the team to resolve quality and deployment issues, focusing on core user value and technical excellence. Achievements:

- Promoted Automated Testing with TDD and BDD for the Application
- Delivered a Functional Product to Market
- Delivered a full DevOps chain to streamline Quality and Deployment using Git-Ops

2017–2018 **UK Government** Manchester, UK  
*Scrum Master | Software Developer*  
I scrum master an agile development team, supporting the team to improve through collaboration and delivering value. I develop custom retrospectives to help the team continuously improve. As a senior developer on the team I support junior colleague's to deliver Python and DevOps solutions.  
Achievements:

- Developing Puppet modules for automated systems deployments
- Develop Python framework for testing internal systems
- Champion LGBT+ inclusion within my workplace

2015–2017 **Nokia/Alcatel-Lucent** Cambridge, UK  
*Software Test Developer*  
As a Software Developer & QA, specialising in content delivery, I work as part of an agile development team developing automated tests and frameworks to ensure high quality code and efficiency. I also configure and perform performance testing using Spirent, including producing analysing statistics. The work requires a good knowledge of Linux, Python and HTTP to debug issues and implement fixes. My team is currently working on a project to migrate to RedHat Linux, my role has been providing framework adoptions to support different operating systems seamlessly and ensuring software quality. Detailed achievements:

- Implementation of encapsulation of Operating System to custom test framework
- Test failure analysis and updates for RedHat Linux
- Performance testing HP Gen8 servers and analysis

2016-current (voluntary) **Aughton Village Hall** Liverpool  
*POS Deployment*  
I have deployed an ePOS system using open source solutions, refurbished hardware and a RaspberryPi to deliver a customised solution well within budget.

- Deployment of ePOS System within budget
- Increase the bars profitability and branding
- Improved bookings and turnover

## education

2007–2011 **B.Sc** in BSc Mathematics, Statistics & Computing [2.1] Liverpool John Moores University  
**Subjects Studied Include:**  
Database Design      Software Development  
Neural Networks      Operational Research  
Statistics              Mathematical Modelling

## publications

2016 **Farahi et al**  
X-ray Selection Function Simulations

2015 **N Mehrtens et al**  
The XMM Cluster Survey The Halo Occupation Number of BOSS galaxies in X-ray clusters

2014 **H Boehringer et al**  
The Local Void with REFLEX II: A large part of the work towards my thesis has contributed to this paper

## interests

**professional:** Scrum & Agile Development, Scientific Engagement, LGBT+ Inclusion (InterEngineering co-chair)  
**technical:** CIVO Cloud Beta Tester for Virtual Hosting and Kubernetes  
**personal:** Fitness, Cycling, Bell Ringing, Steam Railways, Travel, Cats

I enjoy developing projects on the Raspberry Pi.  
Outside of my working life I volunteer as a ticket inspector and booking clerk on the East Lancashire Railway, as I enjoy sharing this historic travel experience with people. My role isn't just tickets but providing exceptional customer service and information about the local area

## Training & certifications

- SAFe Program Consultant (SPC)
- Certified Scrum Master
- RedHat Linux Certified Administrator
- Puppet Fundamentals
- Data Analysis & Machine Learning in Python

### References:

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