ANDREW CROZIER

Backend & ML Software Engineer

@ wacrozier@gmail.com   📞 07595374142   🌐 acroz.dev   ⌨ acroz

EXPERIENCE

Lead Software Engineer

Faculty Science Ltd

📅 2016 – Present   📍 London, UK

- Internal technical expert in Python and Scala
- Led feature teams of 4-6 people
- Joined via data science fellowship, progressing to senior member of engineering team and creating new lead role in R&D team
- Managed company engineer recruitment process
- Member of department performance review panel
- Delivered regular training on software engineering and distributed computing, and created internal knowledge sharing programme
- Member of company expert group on MLOps

Postdoctoral Researcher

Medical University of Graz

📅 2014 – 2016   📍 Graz, Austria

- Complex data wrangling and computational modelling on HPC

PROJECTS

Data Science Platform

Faculty Science Ltd

- Cloud-based development and deployment environment for data science
- Led design and build of multiple features, working closely with designers, product managers, engineers and users
- Developed backend microservices in Scala with Play Framework, Anorm, Akka and ScalaTest
- Build and deploy on Stackstorm, Gitlab CI and Kubernetes
- Infrastructure as code with CloudFormation, Helm, Ansible and custom Python tooling

Product Engineering

Faculty Science Ltd

- Created new role in R&D team to lead engineering on new products
- Work closely with product managers to identify prototypes to test product risks
- Coordinate engineering and design work on building product demos to support sales conversations
- Support data scientists in building production-ready ML code, mainly in Python

STRENGTHS

👥 Team Leader
Train, support and protect the time of colleagues on my team

</> Value Proficiency
Strive to be a master of my craft and always improving

🔍 Driven and Detail Focused
Always ensure a high quality of output from myself and others

SKILLS

Python	●●●●●
Scala	●●●●○
SQL	●●●●○
Docker & Kubernetes	●●●●○
AWS & GCP	●●●●○
DevOps	●●●●○
Data Wrangling & ML	●●●●○

Product Development	●●●●○
Client Engagement	●●●●○
Management	●●●◐○
Oral Presentation	●●●◐○

EDUCATION

PhD Biomedical Engineering

King's College London

📅 2010 – 2014

Thesis: Personalised Electromechanical Modelling of Cardiac Resynchronisation Therapy

MSci Applied Maths and Physics

Queen's University Belfast

📅 2006 – 2010

HOBBIES

Brass band   Orchestra   Travel   Photography