

# Sylvain Viguier

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## Work Experience

2019 – Present // **Director of Applications** at Graphcore. London, UK

AI hardware accelerator startup

- Leading 4 teams of ML Engineers, focusing on business outcomes and people empowerment
- Delivering reference applications and key partnerships
- Fostering a culture of openness, candour and organisational effectiveness

2017 – 2019 // **Senior Software Consultant** at Zühlke. London, UK

Innovation and engineering consultancy

- Developed an internal platform: Deep Learning training in the cloud, inference at the edge
- Improved an intensive care monitor: Yocto Linux OS, UX design, data analysis in C++
- Brought in an University research project: Data Science in Python, wearable device design

2015 – 2017 // **Head of Technology** at Entia. London, UK

Imperial college spin-out, enabling blood tests at home

- Took part in company management, recruitment, fundraised £2.5M, reached ISO13485
- Managed a team of 6 delivering the hardware and software platforms
- Written C/C++ for ARM Cortex, Python for test automation and data analysis

2013 – 2018 // **Research Associate** at UCL. UK and Philippines

Hunter-gatherer resilience project

- Joined a multidisciplinary team augmenting anthropological populations studies
- Owned complete project from design and coding, to deployment and data processing

2012 – 2013 // **Software Engineer** at Qualcomm. Farnborough, UK

Leading semiconductors and telecommunications products and services design

- Written C/C++ for ARM-based chipset, physical layer of GSM and LTE modems
- Supported key customers for their handsets design and optimisation

## Skills

- |                          |                               |
|--------------------------|-------------------------------|
| → Coding in C/C++/Python | → Teams leading and mentoring |
| → ML and Deep Learning   | → Product-driven development  |
| → DevOps: Tests, CI, Git | → Experimental Design         |

## Education

2018-2019: **Coursera**

Certified courses in Statistics, Machine Learning, Deep Learning and Google Cloud Platform

Sept 2006 – Dec 2011: **ESIEE Engineering**. Paris, France

MSc. in Telecommunications and Signal Processing (Distinction)

## Interests

- [Scientific Publications in AI, Art and Climate Journals](#)
- [Interactive art installations \(IWM, V&A, Barbican\)](#)
- Rock climbing, Running, Yoga