Sylvain Viguier

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Work Experience

Jan 2022 – Present // **Director of AI** at Graphcore. London, UK

    AI hardware accelerator startup

- Leading 20 ML Engineers, focused on people empowerment, open culture, product mindset
- Participating in Company Strategy, Developer Experience and Core Applications groups
- Building apps portfolio inc. GPT3-175B, NeurIPS GNN competition, HuggingFace integration

2019 – 2022 // **AI Team Lead** at Graphcore. London, UK

- Grew the team from 4 to 10 members, focused on diversity and cohesion
- Ported PyTorch BERT to IPU cards, trained on 256 accelerators, class-leading performance
- Introduced MLOps good practices using W&B, CI, Benchmarking, GitHub

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
- Built and managed a team of 6 delivering the hardware and software platforms
- Wrote firmware in C/C++ for ARM, used Python for QA and data analysis

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

    Hunter-gatherer resilience project

- Augmented anthropological populations studies with wearable technology
- Owned complete project from design and coding, to deployment and data processing
- Authored numerous papers as part of the project

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

Skills

- ➜ Leadership & Management
- ➜ Product Development
- ➜ Strategic Planning
- ➜ AI/ML Expertise
- ➜ Software Engineering
- ➜ Research

Education

2022 // **McKinsey Product Academy**, **Leading Complexity** Product and Management

2018 – 2019 // **Coursera** Data Science, Deep Learning and Google Cloud Platform courses

2006 – 2011 // **ESIEE Engineering** MSc. in Telecommunications (Distinction)

Interests

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