DARIO BOLLI

MSc student at ETHZ

@ dario.bolli@gmail.com 📍 Zurich, Switzerland in dario-bolli 🌐 dario-bolli.github.io

EDUCATION

Imperial College London
Master Thesis

📅 10.2022 – Ongoing 📍 London, United Kingdom

Brain and Behaviour Analysis

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ETH Zürich
MSc in Information Theory and Electrical Engineering

📅 09.2020 – Ongoing 📍 Zürich, Switzerland

Focus: Machine Learning and Neuroinformatics

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EPFL
Bachelor in Electrical Engineering

📅 09.2016 – 09.2020 📍 Lausanne, Switzerland

COURSES

Graduate:

Machine Learning

- Advanced Machine Learning
- Deep Learning (Deep Hedging Project)
- Probabilistic Artificial Intelligence
- Deep Learning for Autonomous Driving
- Image Analysis and Computer Vision

Neuroinformatics

- Neural System
- Introduction to Neuroinformatics
- Deep Artificial and Biological Neural Networks
- Consciousness Studies

Big Data and Communication

- Communication and networks
- Big Data

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Undergraduate:

- Analysis, Algebra, and Physics
- Power electronics, electronic circuits
- Energy conversion, Electrical motors
- Signal processing
- Multiple projects in C, C++, and LabView

EXPERIENCES

IBM Research Europe
Research Project

📅 02.2022- 07.2022 📍 Zürich, Switzerland

Working on reducing computation by Training in Superposition at the in-Memory computing lab in Zürich.

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Geneva State, SRED department
Test coder PISA

📅 06.2021-07.2021 📍 Geneva, Switzerland

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Groupe PSA
Car explainer

📅 03.2018 📍 Geneva International Motor Show

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Triform SA
Engineering Assistant

📅 2017, Occasional 📍 Lausanne, Switzerland

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Independant
Maths and Physics Tutor

📅 2017-2020 📍 Lausanne, Switzerland

ASSOCIATIVE

EPFL Racing Team
EPFL Formula Student

📅 2020 📍 Lausanne, Switzerland

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Coaching EL
Coaching EPFL

📅 2017-2018 📍 Lausanne, Switzerland

LANGUAGES

French: native
English: C1
German: B2

SOFTWARE EXPERIENCE

Python   NumPy   PyTorch   TensorFlow   Scikit-Learn
OpenCV   C, C++   Matlab   LabView   Latex/overleaf
Office   AWS   shell   html
json, xml   spark   Microsoft Azure