JULIUSZ ZIOMEK

1st year PhD Student @ University of Oxford

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EDUCATION

Ph.D. in Machine Learning
University of Oxford

Oct 2023 – present

Supervisor: **Michael A. Osborne**
Fully funded by EPSRC and
Ashton Memorial Scholarship

M.Sc. in Statistics with Data Science
University of Edinburgh

Sept 2021 – August 2022

Grade: **Distinction** (highest), **Top-1** of the cohort

B.Eng. in Electronic Engineering
University of Southampton

Oct 2018 – June 2021

Grade: **First Class Honours** (highest)

WORK EXPERIENCE

Machine Learning Research Engineer
Huawei Technologies - Full time

Oct 2022 – Oct 2023   London, UK

- Worked on Bayesian Optimisation, Reinforcement Learning and Large Language Models

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Machine Learning Summer Intern
PolyAI - Internship

June 2021 – Sep 2021   London, UK

Machine Learning Research Intern
University of Southampton - Internship

June 2020 – Sep 2020   Southampton, UK

OS CONTRIBUTION

- Contributed to Huawei Open Source Bayesian Optimisation Library HEBO (2.1k stars on GitHub)

TECHNICAL SKILLS

Python   PyTorch   Docker   Github   Linux

PUBLICATIONS

Conference Proceedings

- **J.Ziomek** and H. Bou-Ammar, "Are random decompositions all we need in high dimensional Bayesian optimisation?" In **International Conference on Machine Learning (ICML), 2023**. pdf
- D. H. Mguni, A. Sootla, **J.Ziomek** et al., "Timing is everything: Learning to act selectively with costly actions and budgetary constraints," In **International Conference on Learning Representations (ICLR), 2023**. pdf

Preprints

- R. Tutunov, A.Grosnit, **J.Ziomek** et al., "Why Can Large Language Models Generate Correct Chain-of-Thoughts?" pdf

AWARDS

Ashton Memorial Scholar
University of Oxford 2023

I was awarded one of two competitive Ashton Memorial scholarships from University College Oxford covering my living costs during the PhD.

Best Student Award
University of Edinburgh 2022

I was awarded the Best Student Award for my academic performance during my Statistics with Data Science degree at the University of Edinburgh.

Title of Laureate
Polish National Physics Olympiad 2018

The Physics Olympiad is highly respected and the title of Laureate grants unconditional entry to all STEM degrees on every public university in Poland.

LANGUAGES

Polish   Native

English   C2 (CAE with grade A)

Japanese   N3 (日本語能力試験)