

Adam Golinski

adamg@robots.ox.ac.uk | +44.7784.608.165

EDUCATION

UNIVERSITY OF OXFORD

PhD in Machine Learning
2016 - 2020

UNIVERSITY OF EDINBURGH

MPhys Computational Physics
2012 - 2016

First class honours

Direct entry to the 2nd year of study

Awards

2016, 2014 Class Medals

2013 Certificate of Merit

UC BERKELEY

Physics and Computer Science
Year Abroad 2014 - 2015

HIGH SCHOOL

2009 - 2012 | Lublin, Poland
International Baccalaureate

COURSEWORK

Machine Learning Summer School
Buenos Aires, 2018

GRADUATE

Social & Technological Networks

Machine Learning

Probabilistic Modelling & Reasoning

Robotics: Science & Systems

Sensorimotor Control

UNDERGRADUATE

Data Structures

Computer Architecture

Algebra & Calculus

Statistical Physics

Fourier Analysis & Statistics

Numerical ODEs & Applications

Quantum Information Science

Quantum Mechanics

TECHNOLOGIES

Python PyTorch TensorFlow

NumPy Matplotlib Pandas

Java MATLAB Clojure

LINKS

github.com/talesa

twitter.com/adam_golinski

linkedin.com/in/adamgol

adamgol.me

RESEARCH EXPERIENCE

UNIVERSITY OF OXFORD

July 2017 - present | Dr Tom Rainforth, Prof. Frank Wood, Prof. Yeh Whye Teh
• Focusing on probabilistic programming, inference and generative modelling.

[1] A. Goliński, M. Lezcano-Casado, and T. Rainforth. Improving Sylvester Normalizing Flows via Orthogonal Parameterizations. *ICML Workshop on Invertible Neural Nets and Normalizing Flows*, 2019.

[2] A. Goliński, F. Wood, and T. Rainforth. Amortized Monte Carlo Integration. *Proceedings of the International Conference on Machine Learning (ICML)*, 2019.

[3] S. Webb, A. Goliński, R. Zinkov, N. Siddharth, T. Rainforth, Y. W. Teh, and F. Wood. Faithful Inversion of Generative Models for Effective Amortized Inference. *Advances in Neural Information Processing Systems (NeurIPS)*, 2018.

UNIVERSITY OF EDINBURGH

September 2015 - April 2016 | Prof. Paul Palmer | Masters dissertation
• Investigated spatio-temporal crime patterns based on public police data.

June 2014 - July 2014 | Dr Bartłomiej Waclaw | Research project

• Investigated evolutionary fitness landscape of metabolic pathways.

INDUSTRY EXPERIENCE

MCKINSEY & COMPANY | Business Analyst Intern

July 2016 - September 2016 | Warsaw, Poland

• Worked on public sector and electric power industry projects.

OPENTABLE | Software Development Engineer Intern

June 2015 - August 2015 | San Francisco, USA

• Created a production-ready search microservice using Java Spring framework and Elasticsearch engine.

EXTRACURRICULAR PROJECTS

OXFORD AI SOCIETY | Education Officer

June 2018 - present | Oxford, UK

• Lead several free introductory ML courses based on open resources.

PL IN ML | Organizer

September 2018 - present | Warsaw, Poland

• Co-organizing a conference fostering Polish ML research community.
• Organizing Polish meetups at the top ML conferences.

POLONIUM FOUNDATION | Member

April 2016 - present | Warsaw, Poland

• Cofounded an NGO fostering Polish research diaspora engagement.
• Co-organized three conferences devoted to integrating Polish community.

LABIFY | Cofounder & Developer

November 2013 - August 2015 | Edinburgh, UK & Austin, TX

• Small venture designing science education data-acquisition equipment.
• Obtained a provisional patent for the modular hardware design in the USA.
• Won \$150k NSF Small Business Innovation Research grant.