

Adam Golinski

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EDUCATION

UNIVERSITY OF OXFORD

DPhil in Artificial Intelligence
2016 - 2020

UNIVERSITY OF EDINBURGH

MPhys in Computational Physics
2012 - 2016

First class honours

Direct entry to the 2nd year of study

Awards

2014 Class Medal

2013 Certificate of Merit

UNIVERSITY OF CALIFORNIA, BERKELEY

Physics and Computer Science

2014 - 2015 | Year Abroad

COURSEWORK

GRADUATE

Social & Technological Networks

Machine Learning

Probabilistic Modelling & Reasoning

Robotics: Science & Systems

Sensorimotor Control

UNDERGRADUATE

Artificial Intelligence

Data Structures

Computer Architecture

Statistical Physics

Fourier Analysis & Statistics

Quantum Information Science

LINKS

[linkedin.com/in/adamgol](https://www.linkedin.com/in/adamgol)

github.com/talesa

adamgol.me/

TECHNOLOGIES

Proficient:

Java Python

Familiar:

numpy	scipy	matplotlib
Pandas	git	Java Spring
Matlab	Spark	scikit-learn
MySQL	Neo4j	Elasticsearch
C/C++	MongoDB	JavaScript
CAD	prototyping	

WORK EXPERIENCE

MCKINSEY & COMPANY | Business Analyst

July 2016 - September 2016 | Warsaw, Poland

- Worked on public sector and electric power industry projects.

OPENTABLE | Software Development Engineer

June 2015 - August 2015 | San Francisco, USA

- Created a production-ready data search microservice using Java Spring framework and Elasticsearch engine.
- Built a trend detection tool by analysing text corpus of restaurant reviews.

ECAS DISABILITY CHARITY | Computer Group Leading Tutor

February 2013 - July 2014 | Edinburgh, UK

- Led 5 computer skills courses for a group of 6 physically disabled clients.

RESEARCH EXPERIENCE

UNIVERSITY OF EDINBURGH | Masters Dissertation

September 2015 - Present | Edinburgh, UK

- Investigating spatio-temporal crime patterns based on public police data.
- Visualised data on maps for data exploration and result presentation.
- Supervised by Professor Paul Palmer.

UNIVERSITY OF EDINBURGH | Summer Research Project

June 2014 - July 2014 | Edinburgh, UK

- Won summer student scheme bursary for research in evolutionary biology.
- Devised a distance metric for comparing metabolic pathways.
- Generated a graph model of fitness landscape based on pathway's flux.
- Supervised by Dr Bartlomiej Waclaw.

EXTRACURRICULAR PROJECTS

LABIFY | Cofounder & developer

November 2013 - Present | Edinburgh, UK | Austin, TX

- Designing science education data-acquisition equipment and software.
- Obtained provisional patent for the modular hardware design in the USA.
- Won NSF Small Business Innovation Research grant for development.

SCIENCE: POLISH PERSPECTIVES | IT Officer

April 2014 - November 2015 | Oxford, UK

- Organised conference devoted to integrating Polish research community.
- Maintained website; designed and supervised the registration process.

YOLUNCH.ME

November 2014 | New Haven, CT

- Led a team of 4 (Berkeley, Penn State, Amherst) to develop a one-to-many communication application during 36 hours hackathon at Yale University.
- Used Yo, Facebook, MongoDB APIs and Python Flask backend.

BIO-INSPIRED ROBOT

February 2014 | Edinburgh, UK

- Developed wireless remote control system to be used with xbox360 pad.
- Programmed the microcontroller to avoid inrush current in the motors.
- Set up wireless transfer of the robot's vision to the operator's screen.