

Adam Golinski

Last Updated on 29th November 2014

<http://adamgol.me>
adam.gol@berkeley.edu | 510.859.5795

EDUCATION

UC BERKELEY

PHYSICS AND COMPUTER SCIENCE
Year Abroad 2014-2015 | Berkeley, CA

UNIVERSITY OF EDINBURGH

MPHYS IN COMPUTATIONAL
PHYSICS

Expected May 2016 | Edinburgh, UK
Direct entry to the 2nd year of study
First class honours expected

AWARDS

2014 Class Medal for Computational
Physics
2013 Certificate of Merit

I LO IM. STANISLAWA STASZICA

Grad. May 2012 | Lublin, Poland
International Baccalaureate

LINKS

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

COURSEWORK

Data Structures
Great Ideas in Computer Architecture
Efficient Algorithms
Numerical ODEs and Applications
Numerical Recipes
Fourier Analysis and Statistics
Quantum Information Science
Quantum Mechanics
Classical Mechanics
Thermal and Statistical Physics
Electromagnetism

SKILLS

PROGRAMMING

Over 5000 lines:

Java

Over 500 lines:

C++ • CSS • PHP • Python

Neo4j • \LaTeX

Familiar:

Matlab • Android • MySQL

JavaScript • MongoDB

EXPERIENCE

SUMMER UNDERGRADUATE RESEARCH FELLOW

June 2014 – July 2014 | University of Edinburgh, UK

Worked with **Barlomiej Waclaw** to investigate the evolution of metabolic pathways by exploring the fitness landscape using graph model.

COMPUTER GROUP LEADING TUTOR

Feb 2013 – Jul 2014 | ECAS, Edinburgh, UK

Led computer courses for physically disabled clients on variety of computer skills.

SCIENCE. POLISH PERSPECTIVE CONFERENCE

May 2014 – Present | University of Oxford, UK

The largest conference devoted to integrating Polish research community abroad. Designed and supervised the registration process, administered the website.

EDUCATION EMPLOYABILITY EMPOWERMENT SUMMIT

June 2014 – Present | University of Edinburgh, UK

Took part in the initialisation of the project and contributed to almost every aspect of the organisation process - from sponsorship applications to marketing strategy. Implemented an automated registration process using several online services - Zapier, Paypal, Typeform, Mailchimp, Mailgun, Google Spreadsheet.

SIDE PROJECTS

STARTUP PROJECT

November 2013 – Present

Developing modern software and affordable hardware aiming to improve secondary school science education.

Designing business model, performing market analysis and work on hardware development.

YOLUNCH.ME

November 2014 | YHack, Yale University, New Haven, CT

Led a team to develop a web application using Yo, Facebook, MongoDB APIs and Flask backend. It was deployed and it is waiting for market research.

BIOBOT

February 2014 | University of Edinburgh, UK

Developed remote control software for both computer and microcontroller sides allowing to control the robot using Xbox 360 controller and transfer photos captured using camera mounted using the bluetooth connection.

VOLUNTARY

AMBASSADOR | THE KINGS FOUNDATION

Feb 2013 – Present

Providing information and advice for students from Poland looking for opportunities to study abroad.

WEBMASTER | AFTER-HOURS ELECTRONICS CLUB

October 2013 – May 2014 | University of Edinburgh, UK

Administering the club's wiki page in cooperation with University IT staff. Simple robotics projects.