Adam Golinski

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EDUCATION

UC BERKELEY
Physics and Computer Science
Year Abroad 2014-2015 | Berkeley, CA

UNIVERSITY OF EDINBURGH
MPhys Computational Physics
Expected May 2016 | Edinburgh, UK
Direct entry to the 2nd year of study
First class honours expected
Awards
2014 Class Medal
2013 Certificate of Merit

I LO IM. STANISLAWA STASZICA
Grad. May 2012 | Lublin, Poland
International Baccalaureate

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
Statistical Physics
Research Methods

LINKS

linkedin.com/in/adamgol
github.com/talesa

SKILLS

PROGRAMMING
Over 5000 lines:
  Java
Over 500 lines:
  Python   C++   Neo4j
  PHP   LaTeX
Familiar:
  Matlab   JavaScript MySQL
  Android   MongoDB   CSS

EXPERIENCE

UNIVERSITY OF EDINBURGH | Summer Research Fellow
June 2014 – July 2014 | Edinburgh, UK
• Won summer student scheme bursary for research in evolutionary biology.
• Devised a distance metric for comparing metabolic pathways in the theoretical evolutionary space.
• Generated a graph model of their fitness landscape based on the pathway's flux.

ECAS DISABILITY CHARITY | Computer Group Leading Tutor
Feb 2013 – Jul 2014 | Edinburgh, UK
• Led 5 basic computer skills courses for a group of 6 physically disabled clients.

SCIENCE. POLISH PERSPECTIVES CONFERENCE | IT Officer
May 2014 – Present | Oxford, UK
• The largest conference devoted to integrating Polish research community.
• Designed and supervised the registration process used by over 150 attendees.

EDUCATION EMPLOYABILITY EMPOWERMENT SUMMIT
June 2014 – Present | Edinburgh, UK
• Took part in the project initiation and contributed to every aspect of the organisation process - from sponsorship applications to marketing strategy.
• Implemented an automated registration system used by 100 attendees.
• Managed attendee communication through Mailchimp.

THE KINGS FOUNDATION | Ambassador
Feb 2013 – Present
• Provided advice to Polish high-school students looking to study abroad.
• Successfully guided 3 students to apply for UK universities.

SIDE PROJECTS

STARTUP PROJECT
November 2013 - Present
• Startup aiming to improve secondary school science education by introducing modern software and affordable hardware for in-class experiments.
• Designed business model and worked on product development.
• Currently performing market research.
• Reached national stage of the Scottish Institute for Enterprise competition.

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 36h hackathon at Yale University.
• Used Yo, Facebook, MongoDB APIs and Flask backend.
• The application was deployed and we plan to attract first adopters soon.

BIO-INSPIRED ROBOT
February 2014 | Edinburgh, UK
• Developed remote control software for computer and robot's microcontroller.
• Used Xbox360 controller as a robot remote.
• Software enabled transfer of the photos captured with robot's camera to the controlling computer using a bluetooth connection.