

Michał Staniaszek

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EDUCATION

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| AUGUST 2013 to JUNE 2015 | MSc Systems, Control and Robotics , Robotics and Autonomous Systems track KTH ROYAL INSTITUTE OF TECHNOLOGY, Stockholm, Sweden |
| SEPTEMBER 2009 to JUNE 2013 | BSc Computer Science with Study Abroad , First Class Honours Top of graduating class (final year: 92%, weighted average: 89%) UNIVERSITY OF BIRMINGHAM, Birmingham, UK |
| SEPTEMBER 2011 to JULY 2012 | Japanese Language Programme Japanese Language Proficiency Test level N1 (90%) KEIO UNIVERSITY, Tokyo, Japan |

ACADEMIC AND RESEARCH ACTIVITY

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| SEPTEMBER 2012 to APRIL 2013 | Final Year Project — Time Delay Estimation in Gravitationally Lensed Photon Streams Developed a system to estimate characteristic functions of streams with weighted least squares techniques and compare them with probabilistic techniques to estimate the time delay. Supervised by Peter Tiño. |
| JANUARY to JULY 2011 | Participant at SAUC-E 2011 (Student Autonomous Underwater Competition - Europe) Collaboration between the University of Birmingham and University of Southampton to prepare the Delphin AUV for the competition in July. Converted the control system from Matlab to ROS Python. |
| OCTOBER 2010 to JULY 2013 | Founding member of Birmingham Autonomous Robotics Club Co-founded the club due to interest from computer science faculty and undergraduate students in solving robotics problems and increasing the profile of the field in the school. |

TEACHING

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| JANUARY 2013 to APRIL 2013 | Robot Programming Demonstrator at UNIVERSITY OF BIRMINGHAM Answered questions about the implementation of various algorithms and the application of artificial intelligence techniques for use on LEGO NXT robots running LeJOS. |
| SEPTEMBER 2012 to DECEMBER 2012 | Foundation Year Computer Science Demonstrator at UNIVERSITY OF BIRMINGHAM Helped foundation year students understand basic programming concepts, and evaluated their performance in assignments. |
| SEPTEMBER 2010 to APRIL 2011 | Software Workshop (Java) Demonstrator at UNIVERSITY OF BIRMINGHAM One of five second year students selected to demonstrate for the First Year Workshop Java module. Provided advice on assignments, programming concepts, and the Java API. |

WORK EXPERIENCE

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| JULY 2013 | Systems and Software Assistant at KAON LTD., Guildford, UK Developed a GUI prototype for a portable device in Java, to demonstrate functionality to the customer. Set up and tested filesystems on linux for optimal operation on a large RAID device. |
| DECEMBER 2011 to JUNE 2012 | Waiter at GYU-KAKU, Shibaura, Tokyo, Japan Served food and took orders, working entirely in Japanese with Japanese co-workers and clientele. |
| JULY to SEPTEMBER 2010 | Technical Assistant at JAPAN SERVICES LTD., London, UK Assisted the company director with the development of a website. Used image manipulation tools to create images for the site. Solved hardware and software problems encountered by co-workers. |

BURSARIES, SCHOLARSHIPS AND AWARDS

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| JULY 2013 | Computer Science Prize (School Prize) Awarded to the highest scoring of all final year students in the School of Computer Science |
| JULY 2013 | Research Committee Project Prize Awarded for the best research related dissertation by the University of Birmingham School of Computer Science |
| JANUARY to APRIL 2012 | Japan Student Services Organisation Scholarship Short-term scholarship to support study in Japan. |
| JULY to SEPTEMBER 2011 | Nuffield Undergraduate Research Bursary Bursary to support a summer research project to investigate particle filter localisation for AUVs. |

PROGRAMMING AND SOFTWARE

Basic: Bash, Subversion, Lisp, C#, Python,
Matlab
Intermediate: Emacs, Linux, ROS, PCL, OpenCV,
Git, L^AT_EX
Advanced: C/C++, Java
Public repositories at github.com/heuristicus

LANGUAGES

English: Native
Japanese: Fluent
Polish: Fluent

REFEREES

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| Prof. Jeremy Wyatt ¹ j.l.wyatt@cs.bham.ac.uk | Dr. Peter Tiño ¹ p.tino@cs.bham.ac.uk | Kieren Feakes ² klf@kaon.co.uk |
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