Michal Staniaszek

Personal Data

Date of Birth:	7 December 1990
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Education and Qualifications

August 2013 to June 2015	**MSc Systems, Control and Robotics** KTH Royal Institute of Technology, Stockholm, Sweden
September 2009 to June 2013	**BSc Computer Science with Study Abroad** (First Class Honours) Year 1: 1st (77%), Year 2: 1st (80%), Final Year: 1st (92%) 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

September 2012 to April 2013	Final Year Project—**Time Delay Estimation in Gravitationally Lensed Photon Streams** Developed a system to calculate time delay between photon streams by estimating the underlying function using weighted least squares techniques. Worked with simulated and real-world data. Supervised by Peter Tiňo.
January to July 2011	Participant at **SAUC-E 2011** (Student Autonomous Underwater Competition - Europe) Collaboration between the University of Birmingham and Southampton University to prepare the Delphin AUV for participation in 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

January 2013 to April 2013	**Robot Programming Demonstrator** at Department of Computer Science, University of Birmingham Answered questions about the implementation of various algorithms and the application of robotics techniques for use on LEGO NXT robots running LeJOS.
September 2012 to December 2012	**Foundation Year Computer Science Demonstrator** at Department of Computer Science, 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 Department of Computer Science, University of Birmingham One of five second year students selected to demonstrate for the First Year Workshop Java module. Provided guidance to weaker students and answered questions about programming concepts and the Java API.

Bursaries, Scholarships and Awards

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 the development of a particle filter based localisation algorithm for an AUV.

Work Experience

December 2011 to June 2012	**Waiter** at Gyu-Kaku, Tokyo, Japan Serving food and taking orders, working entirely in Japanese with Japanese co-workers and clients.
July to September 2010	**Technical Assistant** at Japan Services Estate Agents, 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.

Interests and Activities

Artificial intelligence, cycling, history of science, Japanese language and culture, languages, linux, music, photography, physics, robot morality and ethics, science education.

Programming and Software

Intermediate:	Bash, C++, CUDA, Emacs, Linux, Subversion
Advanced:	C, Java, Python, ROS, LaTeX, Git

Languages

English:	Native
German:	Beginner
Japanese:	Fluent
Polish:	Fluent

Referees

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Dr. Peter Tiňo[1]
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