

Michał 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 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

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

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 advice on assignments, programming concepts, and the Java API.

BURSARIES, SCHOLARSHIPS AND AWARDS

JUNE 2013	Best Research Project Awarded for my dissertation project by the University of Birmingham Computer Science department.
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, science education.

PROGRAMMING AND SOFTWARE

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

LANGUAGES

English:	Native	Swedish:	Basic
Japanese:	Fluent		
Polish:	Fluent		
German:	Basic		

REFEREES

Prof. Jeremy Wyatt¹
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Dr. Peter Tiño¹
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