Michal STANIASZEK

PERSONAL DATA

PLACE AND DATE OF BIRTH:	London, UK | 07 December 1990
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EDUCATION

JULY 2013	BSc Computer Science with Study Abroad, **University of Birmingham**, UK
JULY 2012	Study Abroad Year at **慶應義塾大学 (Keiō University)**, Tokyo, Japan
JULY 2009	**St. Dominic's Sixth Form College**
JULY 2007	**Cardinal Wiseman Roman Catholic High School**
JULY 2002	**St. Gregory's Roman Catholic Primary School**

ACADEMIC ACTIVITY

JULY 2011

Participant at **SAUC-E**
(Student Autonomous Underwater Competition - Europe)

Member of a collaborative team from Southampton University and the University of Birmingham. The competition involved programming an AUV to perform various challenging tasks, and competing against teams from other universities.

JAN to JULY 2011

Conversion of the **Delphin AUV** control system

Working together with a PhD student, we converted the control system of the DELPHIN AUV built by Masters and PhD students from the University of Southampton from MATLAB to PYTHON, using the ROS framework. The conversion from MATLAB meant that the control system was significantly faster than before, and having been written in PYTHON with ROS as the control system, much easier to test and debug. This new control system was tested at the SAUC-E competition in July 2011.

OCT 2010 to JULY 2011

Founding member of **Birmingham Autonomous Robotics Club**

After discussions with researchers at the Department of Computer Science at Birmingham interested in robotics, it was decided to form a club for students who wanted to try their hand at using research-level robots to perform various tasks, which were intended to be displayed during open days at the department.

Teaching

Sep 2010 to Apr 2011	Undergraduate 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 on potential ways to solve the assignments, as well as answering questions about programming concepts and the Java API.

Work Experience

Summer 2010	Technical Assistant at JAPAN SERVICES Estate Agents Provided knowledge about website design and layout to assist the company director's startup website. Worked with image manipulation tools to create and modify images for use on the site. Also assisted staff with any hardware or software problems encountered.

Bursaries

July to Sep 2011	Nuffield Undergraduate Research Bursary £1440 bursary to work on a research project to gain insight into scientific research careers.

Languages

Polish:	Fluent (Mother tongue)
English:	Fluent
Japanese:	Intermediate Knowledge
French:	Basic Knowledge

Computer Skills

Basic Knowledge:	lisp, C, haskell, LaTeX, SQL, GIMP, XML parsing, HTML, Photoshop, SVN, git
Intermediate Knowledge:	Python, Java, Ubuntu, ROS (Robot Operating System)

Interests and Activities

Photography, Cycling, Japanese Language and Culture, Languages, Astrophysics, Physics, Human Cognition, Robotics, Artificial Intelligence, Hiking, Music, Technology, Programming, Computers, Open Source, Linux

References

Available on request.

Computer Science with Study Abroad
Grades

FIRST YEAR

EXAM	GRADE	CREDITS
Design and Media Team	78	10
Introduction to Software Engineering	48	10
Software Workshop 1 (Java)	83	30
Language and Logic	95	10
Robot Programming	94	10
Foundations of Computer Science	55	20
Introduction to AI	74	10
Japanese Language	90	20
Total		120
AVERAGE		**77.33**

SECOND

YEAR

EXAM	GRADE	CREDITS
Software Workshop Team Java	80	10
Communication Skills and Professional Issues	76	10
Software System Components 1	83	20
Software System Components 2	79	20
Computer Systems and Architecture	70	10
Mathematical Techniques for Computer Science	74	10
Japanese Language	83	40
Total		120
AVERAGE		**80.00**

St. Dominic's Sixth Form College
Grades

A-LEVEL

EXAM	GRADE
Mathematics	B
Physics	B
Computing	B
Polish	A

AS LEVEL

EXAM	GRADE
Chemistry	C

Cardinal Wiseman Roman Catholic High School
Grades

GCSE

EXAM	GRADE
Mathematics	A
Statistics	A*
Science (Double Award)	A/A
English Literature	A*
English Language	A
French	A*
Religious Studies	A
History	A