Jeremiah M. Via

571 Bristol Road
Birmingham, B29 6AF
United Kingdom

Telephone: +44 795-607-7116
Email: jeremiah.via@gmail.com
URL: http://jeremiahvia.com

Education

2017	**PhD in Computer Science Cognitive Science** (expected) *Tufts University*, USA ADVISOR: Matthias Scheutz
2012	**BSc in Artificial Intelligence Computer Science** (First Class Honours) *University of Birmingham*, United Kingdom DISSERTATION: A Data-Driven Self-Awareness Model for Robotics Systems ADVISOR: Nick Hawes
2009	**AS in Computer Programming** (3.83 GPA) *Grossmont College*, USA

Appointments Held

1.   RESEARCH

2011	**Universität Bielefeld**, *Research Institute for Cognition and Robotics* Summer Research Intern

Worked with a PhD student to incorporate a data-driven fault-detection algorithm into the CoSy Architecture Schema Toolkit (CAST).

University of Birmingham, *Intelligent Robotics Lab*
Summer Research Intern

Performed experiments on robots running CAST in order to determine the efficacy of a data-driven fault-detection algorithm on event-based systems. Results were then used to improve the algorithm.

2.   TEACHING

2012	**University of Birmingham**, *Robot Programming* Teaching Assistant

Grants   Awards

2012	Provost Fellowship, Tufts University Best Final Year Computer Science Student Best Research Dissertation Computer Science Prize
2011	Ede Ravenscroft Travel Bursary Student Development Scholarship Nuffield Foundation Science Bursary School of Computer Science Excellency Scholarship
2010	British Computing Society Tammal Hussein Memorial Prize

	School of Computer Science Excellency Scholarship
2009	Best First Year Computer Science Student
	School of Computer Science Excellency Scholarship
	President's List (4.0 GPA)
2008	Vice-President's List (3.5+ GPA)
	Vice-President's List (3.5+ GPA)
2007	Vice-President's List (3.5+ GPA)

Activities

2011–2012   **Vice-Chancellor Seminar Series**

Took part in a series of seminar discussions with members from the other schools of the university. The three top students from each of the five schools were selected to participate and each school hosted one discussion topic. Host schools and topics:

Arts Law	Is high culture necessarily elitist?
Social Sciences	Can we still afford the welfare state?
Engineering and Physical Sciences	Should science spend less time on discovery and more on applying known science for economic benefit?
Life and Environmental Sciences	Is the opposition to GMOs based on simple scientific ignorance?
Medical and Dental Sciences	Should life be extended at all costs?

2010–2012   **Birmingham Autonomous Robot Club**

Founded the robot club in my second year as a way to get interested students and academics working together to make intelligent robots. It was immensely fun and we were able to show off our robots at school events. I have programming experience with the B21, Pioneer 3DX, Pioneer 1, Nao, and iRobot Create.

IT   Programming Skills

Programming languages (Java, Common Lisp, Prolog, C/C++).
Scripting languages (Python, shell).
Markup languages (HTML, CSS, XML, YAML, JSON).
Query languages (SQL).
Data analysis (Matlab).
Revision control (Git, Subversion).
Digital typesetting (TeX, LaTeX, XҰTeX).

Languages

English (native speaker)
Spanish (conversational fluency)

Talks

Data-Driven Anomaly Detection. *Intelligent Robotics Lab, University of Birmingham.* November, 2011.

Café Scientifique: The Brain of AI. *Brain Awareness Week, University of Birmingham.* March, 2012.