Jeremiah M. Via

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Education

2013	**MSc 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

Work Experience

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.

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

Activities

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, XeTeX).

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.