



Ashley J. Robinson

Education

- Oct. 2010 - **Master of Engineering**, *with First Class Honours*, in Electronic Engineering with Artificial Intelligence, University of Southampton.
Jun. 2014
Modules include Analogue Electronics, Computer Systems, Control Theory, Digital IC Design, Design and Test of Digital Systems, Electromagnetic Fields and Waves, Evolution of Complexity, Image Processing, Intelligent Algorithms, Machine Learning, Management, Semiconductor Devices, Signal Processing and Software Development
- Sept. 2008 - **A-Levels**, Alton College, Alton, Hampshire.
June 2010 Electronics (A*), Mathematics (A) and Physics (A)
- Sept. 2003 - **GCSEs**, Amery Hill Secondary School, Alton, Hampshire.
June 2008 Art(D), Biology(A), Chemistry(A), Design and Technology(A*), English Language(B), English Literature(C), Geography(B), ICT(B), Mathematics(A*) and Physics(A)

Work Experience

- July 2012 - **Cambridge Silicon Radio (CSR) plc**, *Churchill House, Cambridge Business Park, Cowley Road, Cambridge, CB4 0WZ*, Student Placement.
Sept. 2013
Working with the digital design team assisting with the development and verification of their Near Field Communications (NFC) technology. Side projects included verification of an LCD hardware driver and designing a serial to parallel converter for in-house test hardware. This was 20 weeks in total divided over two summers. I was awarded UKESF Scholar of the Year partly based upon my achievements at CSR.
- July. 2008 - **Sainsbury's plc**, *Draymans Way, Alton GU34 1SS*, Customer Service Assistant.
Sept. 2010 Assisting customers along with operating both traditional and self-serve checkouts.
- July. 2006 - **M.J.Robinson Garden Maintenance**, *6 Ferney Close, Chawton, Hampshire, GU34 1SQ*, Assistant to the head gardener.
Oct. 2013
Maintaining the grounds of homes and businesses, large and small, in the Alton, Hampshire area.

Additional Qualifications and Achievements

- Jun. 2014 **Captec Award for Entrepreneurial Industrial Innovation** *Excellence award approved by Professor Max Toti.*
- Feb. 2014 **EMECS-thon Winner** *Best "Internet of Things" Implementation at the University of Southampton.*
- Nov. 2013 **UKESF Scholar of the Year** *Presented at the National Microelectronics Institute gala dinner.*
- Jan. 2012 - **UK Electronics Skills Foundation Scholar** *UKESF is a collaboration between industry, universities and the public sector.*
Jun. 2014
- 2009 - **Full clean UK Driving License**
Present

Hobbies and Interests

- Film Avid film fan with a passion for science-fiction.
- Game/Rough Have been a member of a pheasant shooting syndicate in the past also pigeons, ground game and Shooting the odd clay. Actively involved in this outdoor pursuit during the summer and winter months.

Hobbyist Audio equipment, radios and robots. Many projects using electronics and maths skills acquired from the age of 15 onwards. Using microcontrollers, FPGAs and analogue circuits.

Electronics

Off-Roadng Land Rover owner in the past. Lots of green laning around Hampshire.

Programming On both Windows and Linux environments. Assembler, C, C#, PHP, Python and Verilog/SystemVerilog. Constructed my own website which contains a growing list of software projects.

Music Enthusiastic guitar player. Broad range of music taste.

Travel I enjoy backpacking and camping. I have been on self organised camping trips across Scotland and Europe also many other places throughout England during my time in the Scouts. I've toured Canada by RV and train from Vancouver to Montréal with many detours.

Contact Details

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References

Mr Fash CSR, Churchill House, Cambridge Business Park, Cowley Road, Cambridge, CB4 0WZ UK Email: Nowshadi Fash.Nowshadi@csr.com

Dr Nick R Harris Personal Tutor, University of Southampton, University Rd, Southampton, SO17 1BJ UK Email: nrh@ecs.soton.ac.uk

Media Presence

My Website <http://www.ajrobinson.org>

EMECS-thon <http://youtu.be/0NC3W49Lj-A>

UKESF <http://www.ukesf.org/news/articles/2013-ukesf-scholar-of-year>

UKESF-ECS <http://www.ecs.soton.ac.uk/news/4376>