

Yousef Amar

Curriculum Vitae

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Profile

As an MEng graduate in Computer Systems Engineering with Business Management, my skills are multi-faceted. With strengths in hardware design, low to high-level programming, and every layer of web development, but also project management and business administration, I am a jack of all trades.

I am currently a PhD student at Queen Mary University of London with a focus on Personal Data, Human-Data Interaction, Privacy, and Networks under Dr Hamed Haddadi at the Department of Electronic Engineering and Computer Science.

For more information and to see past projects and work in more detail, please visit [my website](#) or [my LinkedIn profile](#).

Education

2016–present **PhD in Electronic Engineering and Computer Science**, *Queen Mary University of London*, London, U.K.

2010–2014 **Master of Engineering**, *The University of Birmingham*, Birmingham, U.K.
First Class Honours

Project Work:

4th Year MEng Final Year Project

Design and implementation of a low-cost UAV sensor system for constructing object and topographical 3D models in real-time.

3rd Year MEng Group Project

Building a quadcopter that can autonomously transport a payload from the roof of the EECE building to an arbitrary target.

Societies:

- ◇ Electronic, Electrical & Computer Engineering Society
- ◇ Birmingham Enterprise and Entrepreneur's Society (BEES)
- ◇ Games Development Society
- ◇ Investment Society

Relevant modules:

- ◇ Data Mining
- ◇ Computer Networking
- ◇ Object Oriented Software Design
- ◇ Computer Systems, Algorithms and Data Structures
- ◇ C Programming and Algorithmic Problem Solving
- ◇ Project Management and Professional Practice

2010 **European Baccalaureate**, *European School Frankfurt*, Frankfurt, Germany

Experience

Research

- Oct 2014 – **Research Intern**, *The University of Oxford*, Oxford, U.K.
Jan 2016 Research in multi-camera rig calibration, multimodal scene reconstruction, machine learning, and HRI, while attending doctoral training program lectures

Vocational

- Sept 2010 – **Programming Tutor**, *Self-employed*, Birmingham, U.K.
June 2014 Personal tutor to 16 students
Nov 2011 **Teacher Assistant**, *The University of Birmingham*, Birmingham, U.K.
Teaching and supervision of sixth form students
May – Sept 2008 **Shop Floor Worker**, *Aquila Aviation AG*, Berlin, Germany
Construction and assembly of fibre composite plane parts

Miscellaneous

- ◇ Student Representative of the Department of Electronic, Electrical and Computer Engineering for 2 consecutive years. Student Rep Chair for 1 year.
- ◇ Peer Assisted Study Sessions (PASS) Leader; tutoring first year students.
- ◇ Ambassador for the University of Birmingham on a cultural exchange program in China for future direct-entry students.
- ◇ EECE Green Impact project assistant for 2 years and sole student delegate.
- ◇ Certification of completion of Birmingham Start-Up Masterclasses 2013

Publications

- 2015 Incremental dense multi-modal 3d scene reconstruction. *In Intelligent Robots and Systems (IROS), 2015 IEEE/RSJ International Conference on* (pp. 908-915). IEEE.

Referees

Dr Hamed Haddadi

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Professor Philip H. S. Torr

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Professor Robert J. Stone

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Further available upon request.