

# 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 second year PhD student at Queen Mary University of London with a focus on Systems, Networks, Security, and Personal Data under Dr Hamed Haddadi.

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**, QMUL, London, U.K.

### Conference and Workshop Attendance:

- ◇ EuroSys 2017 EuroDW Presenter
- ◇ SIGCOMM 2016 Presenter
- ◇ Cosners 2016 Presenter
- ◇ UK-HDAN Workshop Participant

### Teaching Assistant Work:

- ◇ Digital Systems Design (hardware design and VHDL)
- ◇ Software and Network Services Design / IT Programming (Java)
- ◇ 2x Digital Media and Social Networks (graphs, network analysis, web APIs)

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

First Class Honours

### 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

## Publications

- 2016 Personal Data Management with the Databox: What's Inside the Box? In *Proceedings of the 2016 ACM Workshop on Cloud-Assisted Networking* (pp. 49-54). ACM.
- 2016 Privacy-Aware Infrastructure for Managing Personal Data. In *Proceedings of the 2016 conference on ACM SIGCOMM 2016 Conference* (pp. 571-572). ACM.
- 2015 Incremental dense multi-modal 3d scene reconstruction. In *Intelligent Robots and Systems (IROS), 2015 IEEE/RSJ International Conference on* (pp. 908-915). IEEE.

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## Experience

### Research

- May 2017 – **Research Intern**, *Nokia Bell Labs Stuttgart*, Stuttgart, Germany  
Aug 2017 Research in distributed function scheduling and dynamic load balancing for minimising latency in the context of serverless computing
- 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 **Teaching 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

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## Referees

### Dr Hamed Haddadi

*Senior Lecturer in Digital Media*

Department of Electronic Engineering and Computer Science,  
Queen Mary University of London, Mile End Road, E1 4NS London, U.K.  
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### Professor Philip H. S. Torr

*Fellow St Catherine's College*

*Royal Society Wolfson Merit Award Holder*

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### Professor Robert J. Stone

*Chair in Interactive Multimedia Systems*

*Director, Human Interface Technologies Team*

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Further available upon request.