Yousef Amar

Curriculum Vitae

✉ yousef@amar.io
🌐 yousefamar.com
☎ +44 7899 049668
Flat 5 Walk House, 424 Mile End Rd
E1 4PE, London

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 Systems, Networks, Security, and Personal Data under Dr Hamed Haddadi, looking for summer research internships.

My interests align well with the work done at Nokia Bell Labs as a lot of my current research involves virtualisation, cloud services, and web APIs. While my GitHub history alone is a testament of my activity in full-stack development, I also have strong aptitude for distributed computing and optimisation.

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 Enginering and Computer Science**, *QMUL*, London, U.K.

Conference and Workshop Attendance:
◇ EuroSys2017 EuroDW Presenter
◇ SIGCOMM2016 Presenter
◇ Cosners2016 Presenter
◇ UK-HDAN Workshop

Teaching Assisatant 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.

Experience

Research

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

Vocational

Sept 2010 – June 2014   **Programming Tutor**, *Self-employed*, Birmingham, U.K.
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

Referees

Dr Hamed Haddadi
Lecturer (Assistant Professor) in Digital Media
Department of Electronic Engineering and Computer Science,
Queen Mary University of London, Mile End Road, E1 4NS London, U.K.
02078823436 • hamed.haddadi@qmul.ac.uk • http://www.eecs.qmul.ac.uk/~hamed

Professor Philip H. S. Torr
Fellow St Catherine's College
Royal Society Wolfson Merit Award Holder
Department of Engineering Science,
University of Oxford, Parks Road, OX1 3PJ Oxford, U.K.
01865283059 • philip.torr@eng.ox.ac.uk • www.robots.ox.ac.uk/~phst

Professor Robert J. Stone
Chair in Interactive Multimedia Systems
Director, Human Interface Technologies Team
School of Electronic, Electrical & Computer Engineering,
University of Birmingham, Edgbaston, B15 2TT Birmingham, U.K.
01214147395 • r.j.stone@bham.ac.uk • www.birmingham.ac.uk/stone

Further available upon request.