Curriculum Vitae

Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Gender

Amjad Yousef Majid

Delft University of Technology Van Mourik Broekmanweg 6 2628 XE Delft The Netherlands

 $+31\ 616\ 955224$

a.y.majid@tudelft.nl

Iraqi

2 March 1982

in

Male







Education

2015-Now

2013 - 2015

2011-2012

2000-2004

Selected Publications

[P1]

K. Yıldırım, A. Majid, D. Patoukas, K. Schaper, P. Pawelczak, J. Hester InK: Reactive Kernel for Tiny Batteryless Sensors, ACM SenSys 2018

PhD candidate—Embedded Software, TU Delft, The Netherlands

Bachelor—Electrical Engineering, University of Technology, Iraq

Master of Science—Electrical Engineering, TU Delft, The Netherlands

Pre-master of Science—Electrical Engineering, TU Delft, The Netherlands

[P2]

K. Yıldırım, H. Aantjes, P. Pawelczak, A. Majid On the Synchronization of Computational RFIDs, IEEE Transactions on Mobile Computing (2018 in press)

[P3]

H. Aantjes, A. Majid, P. Pawełczak, J. Tan, A. Parks, J. Smith Fast Downstream to Many Computational RFIDs, IEEE INFOCOM 2017

[P4]

I. in't Veen, A. Majid, P. Pawełczak Reducing Energy Consumption of USB-Connected Sensors on Smartphones, IEEE DySPAN 2017

[P5]

H. Aantjes, A. Majid, P. Pawełczak

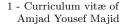
A Testbed for Transiently Powered Computers, ASPLOS workshop 2016

Selected Projects

STORK: An EPC protocol extension for over the air software update of CRFIDs [Source Code] [Video] [P3]

RFID Sniffer: A sniffer to chapture and decode all the messages exchanged between RFID tags and readers [Source Code] [P3]

Portable Spectrum Sensing Platform: An integration of a SDR and a smartphone that enables protable RF spectrum sensing [Source Code] [Video] [P4]



Improving mobile devices access to spectrum databases: An algorithm predicts the movement path and queries spectrum databases to grant smartphones access to unused frequencies [Source Code]

Academic Duties

Teaching

- Guest lecture for TU Delft Security and Cryptography (IN4191), 2013
 [slides]
- Teaching assistant for Wireless Networking (ET4394), 2017/2018
- Teaching assisstant for IDEA League PhD School

Others

 Presenting at: ICT OPEN 2017, TU Delft Exhibition 2016/2017, and Internet of Thing Meetup 2016

Skills

Technical Social

I am an embedded software and a full stack web developer.

- Founder of an e-learning platform for Arabs, called knowldge city
- Owner of an educational YouTube channel with $+1.2 \,\mathrm{M}$ views
- Co-author of open source projects

Languages

Arabic: mother tongue

English: fluent
Dutch: intermediate

References

• Dr. Przemysław Pawełczak Delft University of Technology

Van Mourik Broekmanweg 6, Room: 3.E.80

 $2628\,\mathrm{XE}$ Delft The Netherlands

Tel: +31 614 238042

E-mail:P.Pawelczak@tudelft.nl

• Prof. Koen Langendoen

Delft University of Technology

Van Mourik Broekmanweg 6, Room: 4.E.100

2628 XE Delft The Netherlands

Tel: $+31\ 15\ 2787666$

E-mail: K.G.Langendoen@tudelft.nl