

# CURRICULUM VITAE

ABDULLAH ALI QASEM QAHTAN AL-HUMAIDI

## PERSONAL INFORMATION

---

- Full name: Abdullah Ali Qasem Qahtan Al-Humaidi
- Nationality: Yemeni
- Date of birth: July 31 , 1986
- Place of Birth: Sana'a – Yemen
- Sex: Male
- Marital status: Married (have three children)



## CONTACT INFORMATION

---

Eng. Abdullah Ali Qasem Qahtan Al-Humaidi  
Home address : Thafar Street, Al-Asbahi City, Sana'a, Yemen  
P.O.Box: 2258, Sana'a, Republic of Yemen  
Phone : +967-1-614829, +967-1-245487  
Fax: +00967-1-245487  
Mobile : +967-772770882  
Email : [aakakh@hotmail.com](mailto:aakakh@hotmail.com)  
[a.qahtan2@ust.edu](mailto:a.qahtan2@ust.edu)

## QUALIFICATIONS

---

- Computer Engineering M.Sc. from Department of Electronic Engineering, Faculty of Engineering, University of Sciences and Technology, Yemen, March 2015. (Thesis subject: *Design and Implementation of a Chip Multiprocessor with an Efficient Multilevel Cache Based on Bus Arbitration Techniques*).
- Computer Engineering B.Sc. from Department of Electronic Engineering, Faculty of Science and Engineering, University of Sciences and Technology, Yemen, June 2008. (Excellent+ with Honor Degree, ranked the first among the students in the course).

## PAPERS & RESEARCHES

---

- Abdullah A. Qahtan, and Abdulraqib A. Asa'ad, " Ternary Electronic Logic Systems Automation: A Novel Study Based on VHDL Language Third Part: Ternary Non-Combinational (Sequential) Logic Components", Journal of Science and Technology, Vol. 24, No. 2, 2019.
- Abdullah A. Qahtan, and Abdulraqib A. Asa'ad, "Ternary Electronic Logic Systems Automation: A Novel Study Based on VHDL Language-Second Part: Ternary Combination Logic Components", Journal of Science and Technology, Vol. 23, No. 2, 2018.

- Zakaria M. Al-Sheik, Abdullah A. Qahtan, and Abdurraqib A. Asa'ad, "Ternary Electronic Logic Systems Automation: A Novel Study Based on VHDL Language-First Part: Ternary Logic Gates", Journal of Science and Technology, Vol. 22, No. 2, 2017.
- Amin M. A. El-Kustaban, Abdullah A. K. Qahtan, "A Bus Arbitration Scheme with an Efficient Utilization and Distribution", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 8, No. 3, 2017.
- A. El-Kustaban, A. Qahtan, " Design and Implementation of a Chip Multiprocessor with an Efficient Multilevel Cache System," Journal of Science and Technology, Vol. 20, No. 2, 2015.
- A. El-Kustaban, A. Qahtan, E. Al-Yousfi, M. Al-Twaiti, and M. Al-Mhjari, "Early Warning System For Sana'a Water Stream (Al-Saila)," Journal of Science and Technology, Vol. 19, No. 2, 2014.

---

### **THE CERTIFICATES THAT OBTAINED**

---

- Certificate of CCNA Routing and Switching: Connecting Networks (CCNA 4), University of Science & Technology - Computer Center for Training & Systems, Sana'a, Yemen, Aug 2020.
- Certificate of CCNA Routing and Switching: Scaling Networks course (CCNA 3), University of Science & Technology - Computer Center for Training & Systems, Sana'a, Yemen, Feb 2020.
- Certificate of CCNA Routing and Switching: Routing and Switching Essentials course (CCNA 2), University of Science & Technology - Computer Center for Training & Systems, Sana'a, Yemen, Sep 2019.
- Certificate of CCNA Routing and Switching: Introduction to Networks course (CCNA 1), University of Science & Technology - Computer Center for Training & Systems, Sana'a, Yemen, Feb 2019.
- Training courses in Sensors Technology, PLC applications and Digital electronics, the Factory of Yildirim Elektronik, Ankara, Turkey, Feb 2015.
- Training course in Electronics Maintenance, University of Sciences and Technology, Sana'a, Yemen.
- Training course in Microcontrollers design, University of Sciences and Technology, Sana'a, Yemen, July 2010.
- Training course in Photo\_Voltage System design and maintenance, Solar Energy Center, University of Sciences and Technology, Sana'a, Yemen, May 2009.
- Training course in computers maintenance, IT Center, University of Sciences and Technology, Sana'a, Yemen, Aug 2008.
- Diploma in secretariat (Widows - Word – Excel) ,The Emirates Center, Sana'a, Yemen, Jan 2004.

## WORK & EXPERINCE

---

### ١) TEACHING (NOV.2008- TILL NOW)

---

#### Teaching Subjects

- Since 30-11-2008 till now I'm working as a lecturer at the Faculty of Science and Engineering, Electronics Engineering Dept. University of Science and Technology (UST), Sana'a-Yemen.
  - Microcontroller.
  - Microprocessor and Assembly Language.
  - Computer Design and Architecture.
  - Fundamentals of Logic Design.
  - Logic Systems Design.
  - Programmable Logic Controller (PLC).
  - Electronics Circuit.
  - C Programming.
  - Java Programming.
  - Programming and simulations using MATLAB.
  - Data Structure.
  - Solar Energy.

### ٢) PROFESSIONAL ACTIVITIES

---

- Research Assistant of Computer Engineering (Nov. 2008 - Dec. 2015).
- Assistant Lecturer of Computer Engineering (Dec 2015 – till now).
- Administrator of Computers and Networks Engineering Bachelor Program in the Department of the Electronic Engineering (Sep. 2015 – till now).
- Member of the Examination Committee in the Department of the Electronic Engineering (Feb. 2009 – till now).
- Member of the Graduation Projects Committee in the Faculty of Engineering (2015 – till now).
- Member of the Quality Assurance and Accreditation Unit in the Faculty of Engineering (2017 – till now).
- Installation and maintenance more than 30 Solar Systems.
- Contribute in Technical study for PV solar project for ministry of industrial and trading.
- Trainer in many Solar Training Courses such as PV System Design for Small and Moderate Applications, PV Systems Design and Maintenance, Solar Pumps Design and Installation, .... (for university students, organizations such as Global Communities and GIZ, and companies such as Yemen mobile and TechnoGate ...) (More than 12 courses).
- Curriculum development and program specification documents (PSD) committee at Electronic Engineering Departments.
- Participate in preparation of different courses syllabus and description based on ABET/ACM.
- Additional working in National Modern Printing Press of Offset., Sana'a, Yemen ( my childhood – till now).

## ٣) SKILLS

---

- Programming using C and Java.
- Designing, Programming and Simulating using VHDL.
- Designing PLC control systems using Ladder language.
- Designing, Programming and Simulating using Matlab.
- Designing and Simulating using EWB and Proteus.
- Web Software Development using HTML.
- Database Software Development using SQL and MS Access.

## LANGUAGES

---

- Arabic: native speaker.
- English: Very Good reading, writing, and listening , Good speaking.

## RESEARCH INTERESTS

---

- Computer Architecture
- Ternary Logic
- Artificial Intelligence
- PV solar system
- Solar in building

## ANOTHER INTERESTS

---

- Reading.
  - Playing football.
  - Traveling.
- 

## REFERENCES

---

- **Prof. Abdulraqib A. Asaad**  
Prof. of Electronic and Computer Science, Univesity of Science and Technology.  
Sana'a, Yemen.  
Phone: +9761-222501  
Fax: +9671-270143  
Mobile : +967-713542197  
Email: [abdarraqib62@yahoo.com](mailto:abdarraqib62@yahoo.com)
- **Dr. Amin Mohammed El-Kustuban**  
Associate Prof. of Computer Engineering, Univesity of Science and Technology.  
Phone: +9671-374019/20 ext.4144  
Fax: +9671-374013  
Mobile : +967-777266609  
Email: [ameen.ust@gmail.com](mailto:ameen.ust@gmail.com) , [a.alkustaban@ust.edu](mailto:a.alkustaban@ust.edu)

- **Dr. Mohammed Mohsen Al-Shadadi**  
Associate Prof. of Communication Engineering, Univesity of Science and Technology.  
P.O.Box: 3553, Sana'a, Republic of Yemen  
Phone : +967-1-217305, +967-1-620497  
Fax: +00967-1-406373  
Mobile : +967-733229929  
Email : [shadadi4computer@yahoo.co.uk](mailto:shadadi4computer@yahoo.co.uk) , [m.alshadadi@ust.edu](mailto:m.alshadadi@ust.edu)
- **Dr. Abdulaziz Mohamed Said Aldobhani**  
Associate Prof. of Computer Engineering, Univesity of Science and Technology.  
P.O.Box: 15201, UST, Sana'a, Republic of Yemen  
Phone : +967-1-334688  
Fax: +00967-1-374013  
Mobile : +967-777867606  
Email : [Aldobhany500@Yahoo.com](mailto:Aldobhany500@Yahoo.com)
- **Dr. Qasim Abdulgabar Al-Salem**  
Assistant Prof. of Computer Engineering, Iraq  
Basra, Iraq.  
Email: [kasimalsalem@yahoo.co.uk](mailto:kasimalsalem@yahoo.co.uk)