

# CURRICULUM VITAE

## Mohammed Ghanim Ayoub

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**Email:** [mohammed.ghanim@ntu.edu.iq](mailto:mohammed.ghanim@ntu.edu.iq)

### Researcher ID

<http://www.researcherid.com/rid/D-8065-2019>

### ORCID

<https://orcid.org/0000-0002-2831-9748>

### ResearchGate

[https://www.researchgate.net/profile/Mohammed\\_Ayoub8](https://www.researchgate.net/profile/Mohammed_Ayoub8)

### Google Scholar

<https://scholar.google.com/citations?user=QzbAYY4AAAAJ&hl=en>

## EDUCATION

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|-------------|---|
| 2014 - 2015 | MSc. in Electronic Communication and Computer Engineering,<br>University of Nottingham, Nottingham, United Kingdom<br>MSc. Thesis: <b>“Design of a low cost WiFi-based central heating controller and its implementation using ESP8266 SoC”</b><br>Supervisor: Dr. Alexander Kalashnikov. |
| 2003 - 2006 | B.Eng. in Computer Engineering Technology, Technical<br>Engineering College of Mosul, Mosul, Iraq<br>BEng. Thesis: <b>“Design and implementation of proxy firewall using Java programming language”</b><br>Supervisor: Dr. Mayyada Ghanim Hammoshi.                                       |

## ACADEMIC EMPLOYMENT

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### Name of Institution: Technical Engineering College of Mosul (TECM)

October 2015 - Present      **Assistant Lecturer**, Northern Technical University  
Technical Engineering College of Mosul, Electrical Power  
Technology Engineering Department

May 2007 – September 2013      **Engineer**, Technical Engineering College of Mosul, Computer  
Technology Engineering Department

## HONORS AND AWARDS

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2019-2018      Chancellor's letters of recognition for exceptional performance and contributions

2018      Vice-Chancellor's letters of recognition for exceptional performance and  
contributions

2016      Foundation of Technical Education Chancellor's letter of recognition for  
exceptional performance and contributions

2015      **Honours with distinction**  
Awarded for Thesis entitled: “**Design of a low cost WiFi-based central heating  
controller and its implementation using ESP8266 SoC**”

## PROFESSIONAL AFFILIATIONS AND SERVICES

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### Professional Organization Member

- Iraqi Engineers Union (IEU), Mosul, Iraq;
- The Institution of Engineering and Technology (IET), United Kingdom;
- Kurdistan Engineers Union (KEU), Dohuk, Kurdistan, Iraq.

### Committees Membership for Scientific Activities

- Media committee member of the International Conference of Electrical, Communication, Computer, Power, and Control Engineering – ICECCPCE13 Mosul – Iraq - Dec. 16-17, 2013

- Organizing Committee member of the 2nd International Conference on Electrical, Communication, Computer, Power, and Control Engineering (ICECCPCE19) Mosul – Iraq - Feb. 13-14, 2019

## **TEACHING EXPERIENCE** \_\_\_\_\_

### **Department of Computer Technology Engineering**

- Computer organization, Technical Engineering College - Mosul, year 1, (year-long module 2015-2016 and 2016-2017);
- Electronic Instruments Testing, Technical Engineering College - Mosul, year 3, (year-long module 2015-2016).
- Digital controller, Technical Engineering College - Mosul, year 3, (year-long module 2016-2017);

### **Department of Electrical Power Technology Engineering**

- Digital Electronics and Microprocessor, Technical Engineering College - Mosul, year 3, (year-long module 2016-2017);
- Digital Techniques, Technical Engineering College - Mosul, year 1, (year-long module 2017-2018).
- Digital Techniques, Technical Engineering College - Mosul, year 1, (year-long module 2018-2019).

## **RESEARCH INTERESTS** \_\_\_\_\_

- Medical Signal and Image Processing;
- Internet of things IoT applications;
- Biotelemetry applications;
- Embedded and Real-Time Computing Systems and Applications.