

**Mustafa Ahmed**

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**EDUCATION**

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**Bachelor of Science – BS, Electrical Engineering, Qatar University** 2014 - 2020

- **Senior Design Project:** IoT Smart Parking System including the design of sensors and gates, connected to an online server to communicate with smartphone devices. **Grade: (Very Good)**

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**CERTIFICATES**

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**Artificial Intelligence - Huawei** August 2020

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**EXPERIENCE**

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**Research Assistant, Qatar University** November 2020 – Present

- Internet of Things Projects.
- Center for Advanced Materials (CAM) Access System.

**Electrical Engineer, AZKAR TRADING & CONT. CO.** August 2020 – November 2020

Supervised electrical wiring installation in commercial and residential building including power, communication, and fire alarm system, as well as preparing and review fire alarm system record of inspection, test report, and all related documents to the fire alarm system.

**Electrical Engineer, Al Mawrid Trading Company WII** July 2020 – August 2020

Supervised electrical wiring installation in commercial and residential building including power, and communication.

**Electrical Engineer Intern, (Qatar University)** May 2020 – July 2020

- **QSTec:** Design of solar facilities for residential and telecommunication needs.
- **QMIC:** Design a communication system between access points.
- **Iberdrola:** Energy Storage for Power Applications.
- **Alfardan Automobiles – BMW group Importer:** Plug-in Hybrid Electric Vehicle Engines - Engineering technologies.
- **Es'hailsat:** Satellite communication system and demonstrate Link Budget Scenarios.

**Electrical Engineer Extern**

- **Es'hailsat** January 2020  
Shadowed Engineers in problem-solving at Es'hailsat Company.
- **Kahramaa** February 2019  
Received training in electricity Network Affairs Substation.

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**PARTICIPATIONS**

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**Team Leader - Microsoft Qatar** February 2019

Team leader with Microsoft Office Adoption Booths to introduce, help, and troubleshoot the installation of Microsoft Teams.

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## COMPUTER AND LANGUAGE SKILLS

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### Languages

- English: Excellent
- Arabic: Native

### Software

- AutoCAD
- MATLAB
- Simulink
- PowerWorld Simulator
- IoT Applications/Arduino
- C/C++
- MS Office

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## MEMBERSHIPS

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Microsoft Champions Campaign, Member at Qatar University

2019 - Now

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## REFERENCES

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All references are available upon request.