

**MOHAMMED ALHAWAJ**  
**Electrical Engineer**  
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### **SUMMARY:**

IOT, DT enthusiast and curious Electrical Engineer graduate with exceptional data analysis and problem-solving abilities seeking a career program to utilize my software, hardware, and interpersonal skills to benefit and assist the organization's present and future ambitions. A career where hard-working, team-working and creative problem-solving skills are required.

### **WORK EXPERIENCE:**

**SAAD M. AL-ALYAN EST, Khobar, Saudi Arabia:**

Instrumentation Engineer Trainee: (Tamheer)

- Providing technical supports to clients
- Setting strategies and goals with manager

**BBA Corp, Boston area, USA:**

Bookstore Clerk:

- Managed the store's inventory
- Maintained store daily operation

### **EDUCATION:**

**Bachelor of Science** in Electrical Engineering & MATH Minor  
Merrimack College, Boston area, Massachusetts, USA  
(ABET Accredited)

**Aug 2020- Present**

- Supporting international sales partners

**Aug 2019-May 2020**

- Provided costumers support

**GPA:3.16/4.0**, Three Dean's lists  
(2016-18-19)  
Graduation in **May, 2020**

### **RELATED COURSE PROJECTS:**

**Senior Design Project:**

Designed & Built a Portable Solar Charging System Featuring:

- Harvesting and storing of solar energy
- Charging electronic devices

**Sep 2017-Dec 2017**

- Generated histogram
- Found above thresholds values

**Speech Recognition:**

Designed & Coded a Speech Recognition:

- Coded a speech recognition using Matlab
- Returned feature values of wave file

**Sep 2017-Dec 2017**

- Generated histogram
- Found above thresholds values

### **RELEVANT ENGINEERING COURSEWORK:**

- Control and Feedback Circuit
- Sensors and Controls
- Problem Solving with Python
- Machine Learning

- Digital Transformation
- Embedded Microprocessor
- Engineering Electromagnetics
- Engineering and Power Quality

### **Recent Certificates**

- Profibus in Process Automation, **Siemens**
- PLC for Beginners, **Siemens**

- Building Controls, **Schneider Electric**
- Intro to Internet of Things, **Cisco**

### **SKILLS AND ABILITIES:**

**Software:**

- Python
- ETAP
- C language
- Matlab

**Hardware:**

- PV Systems
- Analog - Digital Converter
- Microcontrollers
- Analog Sensors

**Interpersonal:**

- Problem Solving & Decision Making
- Multitasking & Team Working
- Fluent in Arabic and English
- Emotional Intelligence