

# Abdullah AlAboosi

815 San Saba Dr, College Station, Texas 77845

Mobile: +1 (979) 422-9807

Email: abdullah.alaboosi9@gmail.com

## Summary:

Motivated individual seeking full-time employment opportunity in Application Engineer, Test Engineer, Network Analyst, System Engineer, Software Developer, and Engineering Project Manager.

## Education:

**Texas A&M University**, College Station, Texas

**Bachelor of Science in Electronics System Engineering**

**Minor: Cybersecurity**

**Capstone:** *A Wearable Device Used to Monitor Hand Tremors During Nocturnal Hypoglycemic Events*

**Dean's Honor Award**

Expected Graduation Date: **May 2021**

**Cumulative GPA: 3.30**

**Major GPA: 3.50**

**Blinn College**, Bryan, Texas

**Associate degree in General Engineering**

Date: **August 2016 – May 2018**

**GPA: 3.13**

## Work Experience:

**Blinn College Learning Center**, Bryan, Texas

**September 2017 – May 2018**

**Tutor**

- Coordinated tutoring sessions for 15+ students daily enrolled in **Calculus I, II, University Physics, and Engineering Chemistry**

## Research Experience:

**Texas A&M University**, College Station, Texas

**August 2018 – Present**

- Design and Implement Garage Ventilation System (Hardware and Software)
- Prepare Munnerlyn Energy Management Proposal
- Participate in Krisys robot championship by designing, implementing, and programming an autonomous robot.
- Collaborate with Chemical Engineering group to develop methodologies for prediction of solar radiations under sky conditions to establish solar irradiance database for long-term evaluation for techno-economic performance of concentrated solar energy systems (Data Analyzer).

## Volunteer Service:

- St-Joseph Hospital, Bryan, Texas
- City of College Station, College Station, Texas
- International Student Service at Texas A&M University, College Station, Texas
- Brazos Valley Fair & Rodeo, Bryan, Texas

## Leaderships and Activities:

- |   |                     |
|---|---------------------|
| <b>Researcher-</b> Texas A&M University/College of Engineering College Station, Texas | <b>2018-Present</b> |
| <b>Notetaker</b> -Texas A&M University/College of Engineering, College Station, Texas | <b>2019</b>         |
| <b>Presenter in Conference</b> - Student Research week, College Station, Texas        | <b>2019</b>         |
| <b>Presenter in Conference</b> -14th Annual Research Symposium, Houston, Texas        | <b>2019</b>         |
| <b>Presenter in Conference</b> - Energy Conference, College Station, Texas            | <b>2018</b>         |
| <b>Researcher and Leader</b> - Psychology's Group at Bryan, Texas                     | <b>2018</b>         |

## Awards & Acknowledgements:

- |   |             |
|---|-------------|
| <b>Lean Six Sigma- Yellow belt Certificate</b>  | <b>2019</b> |
| <b>Appreciate Researcher Certificate</b> issued by <b>Prairie View A&amp;M University in Prairie View, Texas.</b> | <b>2019</b> |
| <b>Travel Award:</b> Southwestern Psychological Association Conference 2018.                                      | <b>2018</b> |
| <b>Appreciate Researcher Certificate</b> issued by <b>Prairie View A&amp;M University in Prairie View, Texas.</b> | <b>2018</b> |
| <b>First place undergraduate poster</b> at <b>Southwestern Psychological Association in Houston, Texas</b>        | <b>2018</b> |
| <b>Certificate for Academic Achievement</b> from American Psychological Association Education Directorate         | <b>2018</b> |
| <b>Appreciate Certificate</b> Issued by <b>International student service at Texas A&amp;M University</b>          | <b>2017</b> |

### **Skills and Endorsements:**

#### **Industry Knowledge:**

Power Electronics, Cybersecurity, Virtual Private Network (VPN), System Testing, Hardware, Testing, Information Technology, Analog Circuit Design, Cisco MDS SAN switches, Analog Filters, Electronic Instrumentation, Electromagnetics and High Frequency Systems, and Medical Devices.

#### **Tools and Technologies:**

Embedded Systems, Assembly Language, Vivado, Multisim, Python, Excel, MATLAB, Minitab, C, C++, LabView, Lean Six Sigma.

### **Organizations:**

- Institute of Electrical and Electronics Engineers
- Texas A&M Energy Research Society

**October 2019- Present**  
**September 2019-Present**

### **Publications:**

1. **Al-Aboosi, Abdullah F.**, Al-Aboosi, Fadhil Y. "Improving Sustainability and Energy Performance of Existing Buildings through Solar Photovoltaic Systems." 14th Annual Research Symposium. April 2019. Houston, Texas.
2. **Al-Aboosi, Abdullah F.**, Al-Aboosi, Fadhil Y.. "Evaluation Study of Utilizing a Rooftop PV System to Improve Sustainability and Energy Performance of Existing Buildings." Texas A&M University, Student Research Day. March 2019. College Station, Texas.
3. **Al-Aboosi, Abdullah F.**, Al-Aboosi Fadhil, El-Halwagi, Mahmoud. "Assessment Performance of Solar Photovoltaic Panels to Power Northeast Campus at Texas A&M University." Texas A&M Energy Research Society. September 2018. College Station, Texas.
4. **Al-Aboosi, Abdullah F.**, Whitcomb, Paul, Wickes, Katherine. "BLESSED: The role of happiness and gratitude in Grit." Southwestern Psychological Association Conference. Houston, Texas. 2018.
5. **Al-Aboosi, Abdullah F.**, Whitcomb, Paul, N. Wickes, Katherine and Shahabuddin, Shaan. "BLESSED: The role of happiness and gratitude in Grit." Southwestern Psychological Association Conference. 2017. Washington DC.
6. **Al-Aboosi, Abdullah F.**, Whitcomb, Paul, N. Wickes, Katherine, Shahabuddin, Shaan. "BLESSED: The role of happiness and gratitude in Grit." (2017 and 2018). Blinn College. Bryan, Texas.