

# Ali Ahmed Lashin

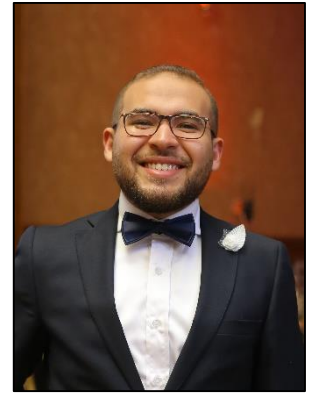
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## Education

- **B.Sc.** In Communication and Electronics, Faculty of Engineering, Arab Academy for Science, Technology and Maritime Transport, Aswan, Egypt.
- **Graduation Year:** 2018
- **Graduation Project:** Smart Class Attendance using Face Detection.
- **Graduation Project Evaluation:** Excellent.
- **GPA:** 3.91 – Excellent with honor
- **M.Sc.** degree in the field of Antenna Engineering, “Reconfigurable Antenna”, In progress.

## Personal Information

- **Date of Birth:** 26-7-1995
- **Nationality:** Egyptian.
- **Gender:** Male.
- **Marital status:** Married.
- **Religion:** Muslim.
- **Military Status:** Exempt.
- **Languages:**
  - Arabic: Native.
  - English: Excellent.



## Job

- **Researcher:** Working on development of solar panels related to the surrounding environment - July 2018 – Jan 2019.
- **Electrical Engineer:** responsible for solar panels operation and inverters status, maintenance and development (July 2018 – Jan 2019).
- **Teaching Assistant (TA):** Current job in Arab Academy for Science, Technology, and Maritime Transport, South Valley branch – Starting at Jan 2019, till now.
  - ✚ working in both teaching and preparing courses (lectures, tutorials, and laboratories)
  - ✚ working on managerial tasks such as
    - Quality Assurance preparation
    - Preparation of central Academy schedules for all colleges.
    - Student affairs management
    - Teaching affairs
    - Digital marketing and strategic marketing planning.
- **Teaching Courses:**
  1. Digital Logic Design – CC216
  2. Electrical Power and Machines – EE328
  3. Electrical Machines – EE329
  4. Engineering Electromagnetics – EC341
  5. Electronic Amplifiers – EC333
  6. Electronic Measurements – EC410
  7. Electromagnetic Wave Propagation – EC442
  8. Electromagnetic Transmitting Media – EC443
  9. Electrical Circuits I – EE231
  10. Electrical Circuits II – EE232
  11. Antennas Engineering – EC544
  12. Microwave Technology – EC546
  13. Introduction to Digital Communications – EC422
  14. Advanced Communication Systems – EC523M
  15. Fundamentals of Electronics – EC134
  16. Electronics II – EC339
  17. Analog & Digital Circuit Analysis – EC334
  18. Measurements & Instrumentations – EC217
  19. Solid State Electronics – EC210
  20. Electronic Devices I – EC233
  21. Electronic Devices II – EC332

## Training

### **Egypt-Air Airlines**



From June 2014 till July 2014

-  Well trained antenna operation, fixing, and maintenance.
-  Fair information on optical fibers and X-ray systems.

- **Certification grade:** Excellent.

### **Aswan-Radio Station**



From June 2015 till July 2015

-  Whole course about radio waves and telecommunications.
-  Site maintenance and development.

- **Certification grade:** Excellent.

### **Nile-Sat Training Center**



From August 2017 till September 2017

-  Complete training on satellite communication and TV broadcasting.
-  Site maintenance and development.

- **Certification grade:** Excellent.

### **National Telecom Regulation Authority (NTRA)**

From 03 April 2019 till 08 April 2019

-  Complete training on telecommunication systems.
-  Cyber-Security

- **Certification grade:** Excellent.

### **Egyptian Space Agency**

From 13 August 2022 till 17 August 2022

-  Complete training on Cub-SAT Satellite (Installation and Configuration).
-  Satellite Applications

- **Certification grade:** Excellent.

## Technical Skills

- Excellent computer operating skills (Software and Hardware).
- Fair knowledge about networking.
- Excellent PCB design using **Orcad PSpice, Proteus and fritzing**.
- Excellent manual PCB fabrication and testing.
- Excellent knowledge in Office package (word, excel, outlook, one note).
- Excellent online teaching on (ZOOM, Microsoft Teams).
- Very good experience in C language programming (Arduino, MATLAB).

## Courses

- MATLAB
- Android development using Java.
- Programming Languages:
  - **C**
  - **C++**
  - **Java**
  - **Python**

## Personal Skills

- Excellent commands in English.
- Well-understood and clear English.
- Self-motivated and self-learning.
- Working under stress and perform multitasks at a time.
- Excellent Team management and Leadership skills.
- Excellent Presentation Skills.
- Fast enough to learn new technologies.

## Activities

- One of the founders of IEEE Aswan student branch (AAST-SB) during the year **2016**.
- Treasurer of IEEE AAST-SB from Sep. 2016 to Sep. 2017.
- Student Union members in the Scientific committee from Sep.2017 to Sep.2018.
- Joined more than 3 Robotics competitions as team member in various colleges.
- Joined once in a Robotics competition as a volunteer.
- Organizer in the 33<sup>rd</sup> National Radio Science Conference (NRSC-2016).
- Joined World Youth Forum in Sharm El Sheikh 2017.

- Advisor of the IEEE Aswan student branch (AAST-SB) starting from 2018 till now.
- Mentor of MATE-ROV Competition team of AASTMT – South Valley branch.

## References

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|--|------------------------------|
| <ul style="list-style-type: none"> <li>• <b>Prof. Moataz Mohamed Salah</b><br/>Head of Electronics &amp; Communications<br/>Engineering Department - AASTMT – South Valley Branch</li> </ul> | <b>Mobile:</b> 012-2263-0803 |
| <ul style="list-style-type: none"> <li>• <b>Prof. Ehab Khalaf</b><br/>Head of Electrical Engineering Department –<br/>Faculty of Engineering – Aswan University</li> </ul>                   | <b>Mobile:</b> 011-2966-7557 |
| <ul style="list-style-type: none"> <li>• <b>Prof. Ahmed El-Antably</b><br/>Dean of Teaching Affairs – AASTMT</li> </ul>  | <b>Mobile:</b> 012-2216-5207 |
| <ul style="list-style-type: none"> <li>• <b>Prof. Osama A. Omar</b><br/>Electronics &amp; Communications Department-<br/>Aswan university</li> </ul>   | <b>Mobile:</b> 011-2777-8616 |
| <ul style="list-style-type: none"> <li>• <b>Prof. Nashwa El Bendary</b><br/>Dean of the college of computer science –<br/>AASTMT – South Valley branch</li> </ul>                            | <b>Mobile:</b> 010-0520-1630 |
| <ul style="list-style-type: none"> <li>• <b>Associate Prof. Yasser Dahab</b><br/>PhD In Communication &amp; Electronics – AASTMT</li> </ul>  | <b>Mobile:</b> 010-2000-8750 |
| <ul style="list-style-type: none"> <li>• <b>Associate Prof. Aly El-Batran</b><br/>Head of Mechanical Engineering Department –<br/>AASTMT – South Valley branch</li> </ul>                    | <b>Mobile:</b> 010-2316-9595 |
| <ul style="list-style-type: none"> <li>• <b>Dr. Mohammed Ismail</b><br/>PhD In Communication &amp; Electronics - AASTMT</li> </ul>   | <b>Mobile:</b> 012-2271-0302 |
| <ul style="list-style-type: none"> <li>• <b>Dr. Monica Hanna</b><br/>Dean of Archaeology and Urban Heritage<br/>College - AASTMT</li> </ul>  | <b>Mobile:</b> 010-0110-0985 |