

## **Ali Reda Ali El-Barawe**

EL Gaish square- Cairo– EGYPT

☎ (+2) 01066673493

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### **To Whom It May Concern,**

I am writing to enquire if you have any vacancies in your entity. I enclose my CV for your information.

I graduated from faculty of Engineering, Future University in Egypt, Mechatronics Department

My experience combined with my educational background provided me with a solid foundation to establish a career in Mechatronics field.

Kindly find here with attached my curriculum vitae. I would appreciate an opportunity to discuss it further with you.

Sincerely,

*Ali Reda Ali*

## PERSONAL INFORMATION

### Ali Reda Ali

📍 EL Gaish square- Cairo – EGYPT

📞 (+2) 01066673493

✉ aliredaalii@gmail.com

**Gender :** Male

**Date of Birth :** 9 May 1995

**Nationality :** Egyptian

**Military service:** Exempted

## WORK EXPERIENCE

May , 2015- present

### Engineer

**BarGas Egypt**  
Full time

- 1) Designed industrial gas pressure, vacuum gauge, and alarm for Egyptian hospitals
- 2) Designed and programmed circuitry to allow the 7 segment to function one pin from any microcontroller
- 3) Designed and programmed a circuit in which users can remote control via Bluetooth, Wi-Fi, or the internet
- 4) Travelled to Germany as a sale engineer for Bargas
- 5) Attended Medica Fair 2015 in Düsseldorf, Germany
- 6) Travelled to Turkey as an assistant engineer for Bargas
- 7) Android Mobile application for calculating pressure vessels properties

September 2014- December  
2014

### R&D Engineer

**Sharp Vision For Engineering Solutions**

Part time

Involved in developing a Life Saver Robot

A robot that helps the ones who falls in wells to return to ground

Solid works had been used to draw the robot parts and after exported the DXF files

And using a CNC Machine the robot parts had worked successfully

### Free Lancing projects

- Created a self-separating smart trash can which can separate trash, and compress it
- Worked as a team to assemble a Hovercraft for an independent research project
- Worked in a team to create a painting robot for an independent research project

## Education

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September 2013 – June 2018

Bachelor degree Engineering; Mechatronics department.

### **Future University in Egypt**

Project grade: Excellent

Grade: very good

CGPA: 3.53/4

## Courses

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### **Microcontroller Level 1**

- Trained For Using and Programming Pic Microcontrollers at **Jelecom Egypt**

### **Microcontroller Level 2**

- Trained For Using and Programming Advanced Pic Microcontrollers Applications at **Jelecom Egypt**

### **SOLIDWORKS**

- **AT JELECOM EGYPT**

### **AUTOCAD**

- **AT JELECOM EGYPT**

### **Classic Control**

- Trained For Using Classic control at **Jelecom Egypt** .

### **PLC Level 1**

- Trained For Using and Programming PLC at **Jelecom Egypt** using Siemens 200 PLC.

### **PLC Level 2**

- Trained For Using and Programming Advanced PLC Applications at **Jelecom Egypt**

### **Rahala Electronics Camp**

- Trained For Using basic Electronic applications and to make advanced and simple electronic Circuits then turn them to boards

### **Android and java Programming**

- Alexandria Programming Club

### **Soft Skills Workshop Word from Microsoft**

- Customer Service Skills,
- Presentation Skills,
- Interview in Skills

### **Professional of human resources course from “Our vision” student activity in Ain Shams University**

- Human resources roles
- Effects on management

## **ONLINE COURSES**

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- Java Programming language
- Android Programming language
- Arduino microcontrollers
- Embedded C
- Web Developing (HTML ,CSS, Java Script )

## **Familiar Applications**

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- AutoCAD,
- Solid Works
- Portus Electronic Simulation AND PCB
- Matlab
- Dreamweaver
- Altium Design
- Microsoft office

## **Personal gained skills**

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- Effectively works within a team work and having high negotiation and influencing skills.
- Strong interpersonal skills and ability to deal with a multi-cultural environments.
- Facing sudden problems, having tolerance and ability to work under pressure.
- Great organizing skills, futuristic vision and future planning skills.
- Energetic, fast learner, self-confident and trustworthy.

## **Extracurricular activities :**

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- Academics Head for the Egyptian Aviation Club  
Teacher for the teenage programmers
- Technical Member of Future University in Egypt (FUE)  
Assisted with setting up Graduation Projects for higher level students