Personal Information:

First Name: **Sherif**
Last Name: **Selim**
Gender: Mr.
Date of Birth: 15 May 1967
Social status: Married
Address**:**   Cairo, Egypt.
Mobile: 002-01001475373
E-mail 1:   cadt@link.net
E-mail 2:   cadtsherif@hotmail.com

Work Experiences

A- Current Job

Position title: **General Manager.**
Company name: *Cairo for Development Technology Company* (**CADT**)
Start date: 10 Sep. 2020 *till now*
Employment contract: Full time.

B-   Previous Jobs

1- Position title: *Senior Electronics Laboratories Engineer*
Company name: *American University in Cairo* (AUC)
Department: Physics department.
Start date: 1 April 2009 - 2 Oct. 2020
Employment contract: full time

2 - Position title: **Technical Manager**
Company name: *Cairo for Development Technology* (**CADT**)
Department: Maintenance and installation department.
Start date: 1 Aug. 2008 - 14 March 2009
Employment contract: full time.

3- Position title: **Technical Manager**
Company name: *DOK auto glass manufacturing plant*.
Department: Maintenance and installation department.
Start date: 1 May. 2008 - 30 Jul. 2008
Employment contract: full time.

4- Position title: **Technical Manager**
Company name: *Cairo for Development Technology* (**CADT**)
Department: Maintenance and installation department.
Start date: 17 May. 2001 - 30 April 2008
Employment contract: full time.

5- Position title: **Head of Department for Electronic Designs**
Company name: *Cairo for Development Technology* (**CADT**)
Department: Maintenance and installation department.
Start date: 22 Feb. 1997 - 30 April 2001
Employment contract: full time.

6- Position title: **Electronic Designer Engineer**
Company name: *Cairo for Development Technology* (**CADT**)
Department: Maintenance and installation department.
Start date: 1 May. 1996   - 2 Feb. 1997
Employment contract: full time.

7- Position title: **Electronics Maintenance Engineer**
Company name: *Integrated Projects Company* (**IPG**).
Department: Maintenance and Installation security systems Department**.**
Start date: 21 June 1995 - 30 Mar. 1996
Employment contract: full time.

8- Position title: **Electronics Design Engineer**

> Company name*: North African Company for computer systems and application.*
> Department: Electronics Design Department.
> Start date: 1 Nov. 1994 - 30 May 1995
> Employment contract: full time.

9- Position title: **Electronics Engineer**

> Company name: *Arms Defiance* (*Military Technical College*).
> Department: Department of Electronic Designs (DED).
> Start date: 1 December 1991 - 3 September 1994

Notes

- I worked an Electronics and Electro-Mechanical Consultant Engineer (part time) for **CADT** Company from 1 April 2009 up to 30 September 2020.
  Employment contract: full time.

Technical Experiences

I have **28** years of experience in the field of electronics engineering including:

A- Scientific Equipment's:
professional in the field of designing scientific devices such as:

- Electro Spinning Device - Sun Simulator Instrument - Thermal Fatigue Crack Instrument
- Oil Efficiency Testing Instrument - Thermal Expansion Instrument - Tribometer Testing Machine.
- Brake Testing Machine - Tension Testing Machine - INR Plasma Blood Tester - Spain Coater Device.
- High Voltage DC. Power Supply Device (up to 60KV) - Infrared Temperature Meter device.
- Temperature & Pressure Sensors Measuring Device and interface with PC. - Torque, Force, RPM and Deeps Sensors Measuring Device and interface with PC. - Pneumatic Proportional Valve Device controlling by Microcontroller. - Kilogram/ gram/ Micro gram Electronic weight meter Device.
- Wind Tunnel Instrument - Glove Box Device - Electrical Induction Farness - Electrical Heating Farness - Booster DC Power Supply Device for improve efficiency of wind system - Automation lab.
- Electronics Teaching Aids - Solar Cell Training Kit.

B- Industrial systems:

1 - Electronic circuit's analysis, fault detection, corrections and prevention actions.
2 - Repair Microcontroller circuits board and PLC Modules.
3 - Installation, maintenance and fault detection all types of Electronic Sensors using in the Automation systems.
4 - Troubleshooting and troubleshooting by remote maintenance or on-site use.
5 - Maintenance, repair, fault detection and installations Electronic Controlling Systems using in the Following Fields: -

- **Production Machines**
  - Packing machines – plastic machines – welding machines – Robotic systems -
  - Entertainment Machines - CNC cutting glass machines - CNC lathe machines –
  - AC/DC Motor speed controller –boilers control system – electric Glass Furnace - Proportional valves.
- ***Renewable Energy***
  - Maintenance, Repair, fault detection and installations for the following:
    * **Solar Cell** power systems and Small scale **wind power** systems.
    * **Photo voltage** projects.
    * Electrical Cars.

6- Design and fabricate Electronics Controlling Systems for mechanical production Machines by Using Analog /Digital Electronic circuits and Arduino microcontroller.
7- Test designed hardware and evaluation test for prototype.
8- Design and fabricate some types of the electronics sensors such as:
   - Digital Length Sensor   - LVDT Sensor with drive Controlling Device.

9- Maintenance & Installation of security systems such as **Fire Alarm** and **Firefighting systems** & **Gate controller** system.

C - *Academic field:*

1- Teaching Electronics labs, Experiments in Electronics circuits and devices, Phys. 221 course.
2- Design Electronics Teaching Aids.
3- Assist graduate and undergraduate students with their projects.
4- Adjusts, calibrates, aligns, and modifies circuitry and components and records effects on unit Performance.
5- Responsible for setting up and testing instruments for the sensors labs, electronic lab and Automatic control lab.
6- Give advice and provide designs to researchers in the department regarding selection or modifying Research equipment.
7- Assembles experimental circuitry or complete prototype model according to engineering Instructions, technical manuals, and knowledge of electronic systems and components.
8- Sets up standard test apparatus or devises test equipment and circuitry to conduct functional, Operational, environmental, and life tests to evaluate performance and reliability of prototype or Production model.
9- Knowledge of sources of spare parts sale inside and outside the country.
10- Stocking and replenishing electronic supplies for the electronics labs.

Education:
- Graduation: Bachelor's degree in Engineering,
- Department: Telecommunications and Electronics Engineer.
- Starting from: 1985
- Date of graduation: November 1991
  Graduation Degree: 64,45%
- Graduation project: *Designing and manufacturing an industrial automatic control system for pharmaceutical production line by using Micro possessor.*
- Faculty Name: Faculty of Engineering and Technology.
  University Name: *Helwan University.* South Cairo, Egypt.

Awards and Certificates:
- Certificate in Recognition of exemplary services to the physics department, *American University in Cairo*, presented by Dean of School of Science and engineering**, May 2012**.
- Certificate in the president's Catalyst for change Award for Innovation and Impact, *American University in Cairo*, **May 2015.**

Language Skills:
- **Arabic**:   Mother Tongue.
- **English**:   Intermediate Level.
- **Germany**: Beginner level.
-
Computer skills:
- Microsoft office (win word - Excel).
- Ps-Piece software for electronic circuit analyses.
- Basic experience in the field of **PLC** Programming for Allen Bradly, Siemens and 3D program.

Name: *Sherif Selim*
Electronics and Communication Engineer
Mobile: 002-01001475373   ***E-mail 1:*** *cadt@link.net* , **E-mail 2**: cadtsherif@hotmail.com
Address: Cairo, **Egypt.**

Personal Skills:

- Excellent problem solving and communication skills.
- Independent, goal-oriented and organized way of working.
- Communicative and team player.
- Innovative and keen interest in new technologies.
- Work effectively as a team member.
- Learn new material quickly.
- Work well in groups of people from diverse backgrounds and cultures.
- Set priorities, and manage recourses to achieve goals.
- Think critically and act logically to evaluate situations to take decisions and Solve problems.
- Multi-tasking, work in a fast–paced environment, meet deadlines, work under pressure, and to Produce high-quality work.
- Locate suppliers of raw materials, machines, laboratory equipment, spare parts and to compare it.
- Diagnose and repair basic technical problems.
- Provide phased technical assistance, both in writing and orally.
- Willing to travel to different places if needed by work conditions.
- Process/quality of different suppliers around the world.
- Egyptian **B** license drive car.