



Mohsen Hassanien

47 years old | Nationality Egypt | PgDiploma-BSc | Electrical Power Engineering MSc student

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Career goals

Instrumentation & Control Engineering

Education and Research

Skills

Electricity	Teaching	fair
Electronics	Teaching	fair
Mathematics	Teaching	fair
I & C Systems	Instrumentation & Control S.Teaching	good
Digital electronics	Design	good
Analogue electronics	Design	fair
Signal Processing	Engineering	fair
Data communications	Engineering	fair
Electronics	Servicing	good
PCB	Printed circuit board	fair
Electrical diagrams	Reading	good
Technical drawings	Reading	good
Control engineering	Engineering	good
Measuring technology	Sensors, Transducers & transmitters	good
Computerised control	BMS & SCADA	good
Industrial control	Factory controls	good
PLC / RSLogix / TIA	Programmable logic controller	good
BMS	Building Management System	good
HVAC Controls	Heating, ventilating, and AC Controls	good
Projects	Engineering	fair
Pneumatics	Control	fair
Hydraulics	Control	fair
System testing	Handover & Specs	good
Tools	Sourcing and using	fair
Stockroom/Inventory	Management	good
Specifications	Equipment & Component	good
Purchasing	Control & Scheduling	good
Fire alarm	Installation & Troubleshooting	good
Burglar alarms	Installation & repairing	fair
MultiSim / Proteus	Using	good
LabView	Using	basic
Matlab	Using	basic
AutoCAD	Using	fair
Orcad/KiCad	Using	fair
MS VC++	Microsoft Visual Studio	good
JS & VBS	Java & V. basic	good
XC8 / ASM / PIC / UNO	Programming	good
OpenCV	Programming	fair
MS Office	MS Word, Excel, PowerPoint, Outlook, Visio, Project	good
Websites	Design	Fair

Languages

Arabic	Oral : native language Written : native language
English	Oral : fluent Written : fluent <i>Academic IELTS Certificate IDP Kuala Lumpur Listening 7.5, Reading 8.0, Writing 7.0, Speaking 7.0, Overall Band Score 7.5.</i>

Education

1998	Bachelor of Science in Electrical Engineering , Computer & Control Section Ain Shams University , Faculty of Engineering - Egypt / Cairo <i>1 El-Saray St., Abbasia, PO Box 11517, Cairo, Egypt</i>
2018	Postgraduate Diploma of Higher Studies in Electrical Engineering , Power and Electrical Machines, Control of Electrical Machines Ain Shams University , Faculty of Engineering - Egypt / Cairo <i>1 El-Saray St., Abbasia, PO Box 11517, Cairo, Egypt</i>
2021	Master of Science - Electrical Engineering Electrical Power & Machines Ain Shams University , Faculty of Engineering - Egypt / Cairo <i>1 El-Saray St., Abbasia, PO Box 11517, Cairo, Egypt</i>

Other

2011	Research Methodology Course <i>University of Malaya - Malaysia / Kuala Lumpur</i>
2002	Vijeo Look Simple Scada Training Course <i>Schneider Electric - Automation University - France / Sophia Antipolis</i>

Experience

03/2014 Present	Freelancer - Postgraduate Student & Self Learning - Cairo, Egypt XC8, C++, Linux, Ubuntu, USB, UART, Bluetooth, Resistive Touch Screen, ESP8266, Node.js, CUDA, ADC
03/2010 03/2014	Masters Student - Unemployed - University of Malaya, Malaysia VC++, OpenCV, EPSG, Research Methodology, Conference website design / management
04/2006 10/2009	Electronics Technician (+Teaching) - Higher Colleges of Technology, UAE Electrical, Electronics, Programming, Inventory, Purchases, Teaching, Radio, Oscilloscope, F. generator, Multimeter, PLC, Pneumatic, Itching tank, C++, Multisim, LabView, Autocad, Office, RSLogix, Orcad ... etc.
01/2004 07/2005	Automatic Control Engineer - Qsytek, Dubai , UAE Electrical, Electronics, Instrumentation
04/2003 11/2003	Senior Design Engineer - Igent Middle East, Dubai, UAE Instrumentation, Control, BMS
06/2002 03/2003	Automatic Control Engineer – Freelancer, Cairo, Egypt Instrumentation, Control
11/2001 05/2002	Automatic Control Engineer - R&D TECH, Cairo, Egypt Instrumentation, Control, Modicon, hmi, plc
02/2001 10/2001	Fire Alarm Engineer - Comatrol, Cairo, Egypt Fire Alarm, Security systems
01/1998 01/2001	Automatic Control Engineer – Comatrol, Cairo, Egypt Instrumentation, Control, BMS, DDC, Sauter