

# IBRAHIM ABDEL RAHMAN AHMED

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## INFORMATION

**Nationality:** Canadian Citizen  
**Year of Birth:** 1982

**Marital Status:** Married

## OBJECTIVE

Seeking a position that will allow me to utilize my experience in Electrical/ELV/Security Engineering

## EDUCATION

**B.S. Electrical and Computer Engineering – Cum Laude**  
Tennessee State University                      Nashville, TN                      2008

**Software Engineering**  
The University of Western Ontario                      London, ON                      2005

### Courses Completed:

- Cisco Networking (CCNA)
- Human Computer Interaction
- Operating Systems for Software Engineering
- Software Process and Project Management
- Project Management Professional (PMP)

## WORK EXPERIENCE

**ELV/Security Engineer      Consolidated Contractor Company (Abu Dhabi, UAE)      2014 - Present**  
**Abu Dhabi international Airport (Midfield Terminal Project)**

- Monitored day to day site activities and ensured that all site work is carried out to the required contract specifications and shop drawings
- Notified the QC Engineers when work is ready for inspection
- Executed the installation for all structured cabling networks that includes Security (CCTV and Access Control), Public Address, Master Clock, BMS, FIDS, GSM, WIFI, TETRA and Radio
- Ensured that all required work permits and safety permits are available prior starting the work
- Inspected all materials and tools that are required before starting all the work
- Coordinated the work with Civil, MEP and QC engineers, consultants, contractors and sub-contractors
- Terminated and tested all of Horizontal (Copper) and Backbone (Fiber-Optic) cables.
- Provided Security, CCTV and Access Control designs and specifications to relevant National and International Standards
- Ensured that the quality of work met the requirements and specifications of the client
- Produce high level and detailed design technical documentation, including CAD drawing review and development. Including construction documentation.

**Security Monitoring Engineer      Rogers Communication Inc (Toronto, Canada)      2008 – 2013**

- Designed integrated security systems for CCTV, Access Control, Fire Alarm, Smoke Detector and Water Leak based on Client requirements
- Provided support to Project Managers, Sales, and Technicians
- Worked at sites to determine conditions and requirements for design and installation
- Contributed to internal technical knowledge base for support of entire organization
- Researched and maintained familiarity with current and new technology in the industry
- Participated in product/service content validation like CCTV, Access Control, Motion and Smoke Sensors, Water Leak Sensors to ensure accuracy in methodology and with latest information regarding the industry is being presented.
- Presented materials and concepts at roadshow, events and product launches with enthusiasm and in a professional and expert capacity. Consistently engaged audience to participate in activities that will drive sales growth and enhance the customer experience.

**Technical Supervisor Escalation Support      Teletech Inc.(London, Canada)      2005 – 2007**

- Handled escalated technical network problems for customers
- Supervised and trained 5 technical support agents providing ongoing coaching to ensure best quality standards and practices
- Liaised between Verizon Engineering Team, vendors and contractors
- Tutored customers in the maintenance and usage of their operating system, software programs, and internet

**Technical Support Representative      Sony Ericsson (London, Canada)      2003 – 2005**

- Worked with a team of engineers to take an end to end responsibility of development, testing, deployment and operations
- Troubleshoot and handled technical Sony Ericsson products problems

**PROJECTS**

- Completed the Telecommunication/ELV/Security Scope in the Midfield Terminal Airport Project in Abu Dhabi from the beginning till the end (2014-2019)
- Tested a GSM communication system for a layout of cellular base station
- Designed an intelligent tire pressure monitoring and automatic car jack system using an RF transmitter/ receiver and two microprocessors.
- Developed an instant messaging service using JAVA and XML to connect internet online users with each other instantly
- Designed an alarm for an oven temperature monitoring system
- Designed a smart home monitoring system to monitor fire, smoke and water leak

## **KEY QUALIFICATIONS**

- Computer Application Skills:
  - Microsoft Office (Excel, Word, Power Point, Access, Outlook, Visio)
  - UML, PLC, MATLAB, PSPICE, AutoCAD Graphics
- Programming Languages:
  - C/C++ programming, C#, Visual Basic, JAVA, SQL, HTML
- Operating Systems:
  - Unix/Linux
- Strong problem solving skills, logical thinking and a decision maker
- Strong troubleshooting skills and multitasking abilities
- Flexible and adapt easily to new situations
- Great Sales and negotiation skills
- Good communication, oral and written presentation skills
- Interpersonal and leadership skills, able to work independently and a strong team player

## **ACCOMPLISHMENTS, COMMUNITY ACTIVITIES & MEMBERSHIP**

- ETA KAPPA NU Association Member
- Dean's List for six consecutive semesters
- E.S.A. (Engineering Saturday Academy) Teacher for Young Engineers
- Honored by George W. Gore Honors Convocation for outstanding scholarship and academic excellence

## **LANGAUGES**

Fluent in both Arabic and English

## **REFERENCES**

Available upon request