

MOHAMAD M. SALAMEH

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EDUCATION

- Aug 2014 -** *MSc in Electrical Engineering*
Illinois Institute of Technology
- Aug 2005 - Jan 2010** *Bachelor of Science in Electrical Engineering / Power & Control (BSEE) GPA 85.9% - Excellent*
Jordan University of Science & Technology - Jordan
- Jun 2005** *International General Certificate of Secondary Education (IGCSE) Straight- A 's.*
Bishop's School - Amman, Jordan

PROFESSIONAL EXPERIENCE

Illinois Institute of Technology **Aug 2014-Present**
Research Assistant - Electric drives & energy conversion Lab

Princess Sumaya University of Technology, Jordan **Feb 2013-Aug 2014**
LAB SUPERVISOR / TEACHING ASSISTANT – EE Department / Power & Energy

Electric Machines, Power Electronics, Power Systems Labs

Responsibilities include:

- Teaching theoretical content.
- Experiments' design.
- Assisting students in projects and applications.
- Preparation of manuals and documentation.

Accomplishments:

- Modernizing Undergraduate Renewable Energy Education Project – **MUREE -TEMPUS**
 - Assisting in the establishment of the power labs.
 - Member of the tender technical committee.
 - Preparing lab manuals.
 - Participating in the development of 'Electrical Machines & Drives' Course.
- USAID project – Women in Science.
 - Appointed as the *IT Support Specialist*.

Technology Integration, Amman, Jordan

September 2010 – February 2013

Technology Integration is an engineering and automation company specialized in designing, developing and building integrated solutions for National Instruments hardware based industrial systems.

FIELD ENGINEER

In charge of the design and implementation of automated process controls and monitoring systems.

Responsibilities include:

- System Conceptualization, specifications and budgeting.
- Programming, installing debugging testing troubleshooting documentation.
- Leading teams of technicians to carry out projects from inception to implementation
- Hardware design and specifications.

Accomplishments:

- Design and implementation of a Measurement Analysis Systems, Machine Health Monitoring Systems for PMU - Saudi Arabia and Jordan University.
- Design and implementation of a PV Cells Characterization and Weather Monitoring Systems for several universities research labs & energy centers.
- Design and implementation of a fully automated F5 and F-16 fighter Jet engine testing for the Royal Jordanian Air Force.
- Designed and implementation of an automated Chlorinated Paraffin Process Control System for the Jordanian National Chlorine Industries
- Design and implementation of a fully automated Test Bench for automotive (EV) assembly and R&D, TOFAŞ, Turkey
- Design and implementation of Chillers Monitoring and Testing systems for PETRA, Jordan
- Design and implementation of Secure Drilling Monitoring Systems for Wetherford, Saudi Arabia.
- Development of Fault Detector, Power quality monitoring systems for NEPCO, Jordan

Jordanian Electric Power Company (JEPCO)

June 2009 – September 2009

POWER SYSTEMS ENGINEER IN TRAINING

Responsibilities included

- Design, installation and maintenance of Power Substations, High Voltage Circuit Breakers and Power Transformers.
- Research and Geographical Information system power loss analysis.

TECHNICAL SKILLS

- PSS-SINCAL-Siemens Software
- Certified LabVIEW Associate Developer (**CLAD**)
- MATLAB, PSPICE, C ++ and AutoCAD.
- Supervisory Control and Data Acquisition System (SCADA)
- Experienced with MS Office; Microsoft Excel, Word and PowerPoint.

PROFESSIONAL MEMBERSHIPS

- IEEE - Associate Member
- JEA - Jordan Engineers Association

References furnished upon request