**ZAIN**

Email: [zain.350190@2freemail.com](mailto:zain.350190@2freemail.com)

CAREER OBJECTIVE

Seeking for an Internship or an Entry-Level position of Electrical & Electronic Engineer where I can use the skills to develop career in Oil/Gas, Energy and construction industry within GCC.

# PASSPORT DETAILS

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| --- | --- | --- | --- |
| Name: | ZAIN |  |  |
| Nationality: | PAKISTANI |  |  |
| Date of Birth: | 01 JULY 1992 |  |  |

# EDUCATION

## September 2011-June 2015 Heriot-Watt University Dubai Campus

BEng. Hons Electrical & Electronic Engineering

Achieved Hons: 2:1 Honours of Second Class (Upper Division), USA: 3.413 GPA (4 Scale) Highly appreciated for the research work & presentation for Honorary Project **Dissertation/Projects:** *“Body Temperature Monitoring using Thermography for Health &*

*Safety of the Construction Workers”*

Use of thermal image processing for rapid variation in body temperature. Software tools used: MATLAB (Image Processing ToolBox), Visual Basic (OpenCV), AutoDesk Revit 2014

## March 2016 – May 2017 Swiss Business School

## (Currently) Global Masters of Business Administration (MBA) In

## International Management

## September 2009 - June 2011 English Language School, Dubai

A-Levels Mathematics, Chemistry (B, C) As-Levels Physics (B)

# CERTIFICATES

### June 2014 – September 2014 Al Majaz Star Computer Training Center, Dubai

AutoDesk Revit MEP

Successfully Completed the Designing Course

Starting MEP Projects, Modifying System Settings, Planning Mechanical Systems, Designing Mechanical Air Systems, Designing Mechanical Piping System, Planning Electrical System, Designing Electrical System, Plumbing System, Planning Fire Protection System, Designing fire Protection System, Creating Documentation View, Annotation and Dimensioning, Detailing, Revit Families

### October 2015 – December 2015 IBC Academy London, UK

Fundamentals of Petroleum Engineering

Successfully Completed the Introductory Course Achieving Continued Professional Development Certificate (CPD) of 21 hours

Petroleum Geology and Exploration Methods, Reservoir Rock and Fluid Properties, Fluid Flow in Porous Media and Reservoir Simulation, Drilling Operations and Formation Evaluation, Integrated Production Systems and Surface Facilities, Oil Recovery Processes

# ENGINEERING RESEARCH & PROJECTS

**July 2014-March 2015**

Worked on 4th Year Honorary Project which includes Real-Time

Fever detection using thermal image processing on MATLAB

2014a

**Summer 2014**

Design & Analysis of Building information models using

Autodesk Revit 2014

**October 2014**

Control Systems Design using MATLAB/SIMULINK.

**November 2014**

Designing of DC-DC Converters using SIMULINK and MultiSim

**March 2014**

Physical testing of transformer and Induction Motors

(OC/SC Tests)

**February 2014**

Worked as a group leader to construct an A-B Class Power Amplifier

**November 2013**

Worked as a Structural Designer/Lead Presenter for a Coin

Sorter Machine that included use of FPGA to control servos

using Altera Quartus

# WORK EXPERIENCE

### GITEX Technology Week October 2014

Role: Data Entry Operator

Summary: Data Entry of the visitors, keeping track record of the revisits, preparing daily report of the customer visits to ensure the smooth running of the system. Gained more confidence by meeting highly qualified professionals of Electrical Engineering. Also developed high speed errorless typing skills.

### GITEX Technology Week October 2013

Role: Customer Service Representative

Summary: Customer guidance, developed high interpersonal skills, mastered problem solving skills increased new/upcoming technology knowledge like robotics, image processing in automation.

# SKILLS PROFILE

**Technical Skills**

**Electrical & Electronic Skills**

* + - Constructed Analog/Digital Circuits
    - Proficient in Digital image processing & digital signal processing
    - Designed and analyzed single phase & three STAR/WYE & Delta circuits
    - Documented technical report

**Computer Skills**

Highly proficient in

* + - MATLAB 2014a, MPLAB, Altera Quartus
    - AutoDesk Revit MEP
    - Multisim, Pspice
    - MS Word, MS Excel, MS PowerPoint, MS FrontPage, MS Visio
    - C Programming, Visual Basic

**Soft Skills**

* + - Have good analytical and problem solving skills
    - Have an ability to think out of the box
    - Great self-confidence and ability to face circumstances in life
    - Good interpersonal skills and know how to carry myself
    - Positively accept criticism and try to work over it
    - Great team player and a good team leader
    - Good organizational and time management skills

ACTIVITIES & INTERESTS

* + - Keen to research on the upcoming technology, and clean & efficient way of energy production
    - Love doing environmental photography
    - Have great interest in music, movies and entertainment