

Ali Mohamed jaber

Communications engineer and programmer

Fayoum , Egypt
(+20) 106-270-1022
alimjbr1@gmail.com

EXPERIENCE

Telecom Egypt, Fayoum — wired *communications engineer*

June 2016 - Aug 2016

- Two months of hard work and training on fibre optics and infrastructure of communications in general in telecom egypt company addition to practical work on telecom egypt devices and systems

ATC , fayoum — mobile communications engineer

June 2017 - sept 2017

- Training on wireless communications in general and gsm and gprs addition to umts and lte in particular

Freelancing

May 2016 - july 2018

- worked as freelancer for about 2 years in web development and arabic english text translation

EDUCATION

BSC. in Electronics and Communications Engineering (Very Good)

Sept 2013 - july 2018

- I graduated from faculty of engineering , fayoum university electrical department ,electronics and communications section with cumulative grade very good

Graduation project (grade: Excellent)

- Smart grid : in this project we built a smart device using AVR microcontroller that can keep track of all changes and measurements that can occur in a place that our device is used and send all these information to server that host website that we built to process and show it in chart. That website has control panel to control loads remotely over ip
- Sponsored by Scientific Research Academy
- My role: team leader and programmer

SKILLS

I- computer skills

- GNU/Linux and bash commands
- MS Office
- matlab
- preutos
- logisim
- powerful searching skill (certified from google)
- programming and design languages:html - css - javascript - php - c/c++

- SQL database

II- soft skills

- communication skills and teamwork

(school: fullbridgeX)

- critical thinking and problem solving (school:RIT)

- time management (self-taught)

LANGUAGES

Arabic : Native

English: Excellent

PROJECTS

Single cycle microprocessor design

- Using logisim we as a team designed a single cycle microprocessor from scratch using logic gates then using components built by these gates up to build a complete microprocessor.

Easy to use framework using php

- Using php programming language i created a mvc framework and simple share posts app up on this framework
- Technologies that been used: php with oop for backend programming & html, css , bootstrap for front end design, mysql database

Blog website

- Using structured style of programming by php
- Technologies that been used: php for backend programming & html, css , bootstrap for front end design, mysql database

Police siren

- It's a simple circuit for create a sound of police or ambulance siren using primitive electronics components and 555 timer

CERTIFICATES & SELF-STUDY

certificates:

- Master the Linux command line (udemy)
- fullstack developer using python (udacity)
- conversation skills 2 (edraak)
- power searching (google)
- Responsive web design (freecodecamp.org)
- Javascript algorithms and datastructures (freecodecamp.org)
- front end libraries (freecodecamp.org)
- Html (udemy)

Self-study:

- Cisco Certified Networking Associate (CCNA)
- Comptia A+ 801-802

- C# desktop applications (windows forms) with sql server database
- analysis and design of algorithms
- data structures using c/c++

PERSONAL INFORMATION

- Military service: exempted
- Date of birth: 14th jan 1995
- Marital status: single