Pierre Harfouch

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Objective

To improve my knowledge and get more experience from the software development process to create the perfect solution and best experience for the user, at the same time design the right architecture no matter in which language or platform is written and take the project and the work team to a successfully finish on time and form.

Education

Sagesse University   *Furn-el-Chebak, Lebanon*   *2019*

- Master Business Administration(MBA) - Specialization: Financial Engineering

Newtech Training Center   *Beirut, Lebanon*   *2020*

- Certificate on fiber optics summarize the responsibilities: overview about fiber optics, installing, testing, troubleshooting.

Antonin University   *Baabda, Lebanon*   *2017-2018*

- Diploma in Computer and Telecommunication Engineering.

Jezzine Official High school   *Jezzine, Lebanon*   *2011*

- Lebanese Baccalaureate, General Science.

Work Experience

KHATIB & ALAMI   *Beirut, Lebanon*   *February 2019-Present*

- Consulting engineer on the fiber optic project FTTx (FTTH, FTTC) and practicing the following:
  -Supervising the installation of the fiber optics network FTTx (FTTH, FTTC) with their equipment in different sites.
  -Ability to manage multiple subcontractor and direct installation teams.
  - Cross verify the contractors & subcontractors are practicing health and safety standards during working hours and wearing all necessary PPEs.
  -Closely manage contractor's overall performance, provide regular reports on contractor's performance.
  -Perform the activities utilizing mechanism reducing cost.
  -Attend meetings with contractors & subcontractors and site issue, expedite progress of work.
  -Quality and safety control.
  -Pole survey: checking the pole & double pole if it presents on the design and on the ground at same time for updating design, checking status of the pole, and if we need to install new poles.
  -Preparation of daily progress reports for project.
  -Low level survey: following the civil design for checking status of MH/HH if they need restorations, cover, frame, cage, supports, brackets, cleaning, raise and prepare of survey report and updating the design.
  -Prepare site instruction and update the BOQ to process the engineering design.
  -Duct test: following the design for testing all the duct between MH/HH and PB if they clear or blocked or need new installation and repairing all blockage.
  -Pulling sub duct: pulling sub duct between MH/HH to CO based on the LLD.
  -Preparation for new cabinet, earthing test, preparation cabinet base, install new cabinet.
  -Pulling fiber cable: installation fiber optics cable between CO & MH/HH & poles and fixation cables and labeling based on the LLD.
  -Supervise and assure that the design has been precisely carried out at site during project execution.
  -Supervise splicing and jointing as per approved schematic and jointing drawings.
  -End to end fiber testing & performance test of fiber network using OTDR, POWER meter.
  -Install FDB
  -Physical inspection and measurement
  -Conduct PAT for the implement project

SENIOR PROJECT (Antonin University)   *Baabda, Lebanon*   *2017*

- Working on the final project: "Beacon Mobile Application"
  It is a smartphone application, mainly useful for students, that works through beacon by Bluetooth without using internet.
  The purpose of this application is to send alerts and notifications to notify you of such new information. Also, it helps students to know the new updates, class address, new timing for courses...

OMT Online Money Transfer	*Sami El Soloh, Beirut, Lebanon*	*1 December 2017 - 1 March 2018*

- worked in OMT - IT department at System & Network unit.
  The responsibilities are Agent & Technical support and smmarized as follow :
  -Received calls from the agents and troubleshooting remotely.
  -Resolve any problem with employee(printers, photocopiers, computers) and installation for switches.

QTS Quality Telecom Services	*Jal El Dib, Lebanon*	*1 August 2014 - 15 September 2014*

- Worked on (MIC1) Alfa Node B & LTE(4G) project in the following activities: Sites Survey, 3G/4G Installation, 3G/4G Integration, Troubleshooting, Sites Acceptance.

Main Computer Skills and Languages

- Languages: C#, java, C/C++.
- AutoCAD.
- Operating Systems: GNU/Linux (Ubunto, Centos).
- Databases Managers: Win Design, SQL Plus.
- Adobe's Illustrator, Photoshop, Flash, Dreamweaver.
- Microsoft Windows Access, Powerpoint, Word, Excel.
- Hardware coding in VHDL, VERILOG,MATLAB,OMNET++

Specialization Courses

- Cisco CCNA (1, 2, 3,4).
- Bases de données relationnelles.
- Microcontrôleur.
- Applications Windows avec C#, C++, Java, JavaScript.
- Modeling and optimization of networks
- Mobiles networks and networks without files(2G,3G,4G,LTE,PLMN,UMTS,GSM,GPRS,EDGE)
- Networks architectures and components, Computer architecture
- Antenna and satellite, Telephony and optical fiber
- Signal processing and image compression
- Theory of operating systems
- Office automation and networks introduction
- Business courses (Accounting and management, Economics, Marketing), Microsoft office word, Excel, Access.

Languages

Fluent in spoken and written French, Arabic, and English.

Interests and Hobbies

Computer related inovations, internet, swimming, walking, music.