Omar Jradeh

Telecommunications Engineer

An Inquisitive and hardworking individual who is motivated by mastering new concepts and self growth

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WORK EXPERIENCE

RAN Integration Engineer
Novelus

07/2020 - Present   *Beirut, Lebanon*

Achievements/Tasks

- 2G/3G/4G/5G modernization and new site build for T-Mobile in Baltimore, Washington, and California markets using latest Ericsson hardware/software for over 100 sites
- Understanding GSM/UMTS/LTE/NR architecture and the low-level design within a wireless network
- Using Linux and Moshell commands and writing scripts in everyday work to facilitate and automate tasks
- Working within a highly flexible and passionate team, organizing our way of work to achieve our targets and to reach extra milestones within the organization
- Handling communication with the design and field teams to deliver the best results
- Troubleshooting any configuration or on-site alarms, handover, carrier aggregation and traffic issues and ensuring best quality of service on a daily basis

IEEE BAU Student Branch Volunteer
Beirut Arab University

10/2019 - 07/2021

Achievements/Tasks

- Organizing IEEE events in BAU university
- Organizing Seminars, workshops and lectures with BAU professors
- Working together with a team to introduce other students to IEEE events and helping them attend them

EDUCATION

B.E in Communications and Electronics Engineering
Beirut Arab University

09/2016 - 07/2021   *GPA: 3.96*

Courses

- Cellular Communications
- Microwave Engineering
- Wireless Communcation
- Communication Networks

SOFT AND TECHNICAL SKILLS

Team Worker · Problem Solving · Written and Verbal Communication · Microsoft Office · Linux · Moshell · Python · Web programming (frontend) · MATLAB · C

ACHIEVEMENTS

- First ranked student scholarship in BAU (09/2016 - 07/2020)
- Honor's List in Lebanese International School (12/2014 - 07/2016)

PERSONAL PROJECTS

Antenna Design and Simulation Project (12/2019)
- Design of a slotted waveguide antenna with corrugations
- Simulations through both CST and HFSS
- Project presented using Latex

4G/5G Deployment Study (06/2020)
- Capex and Opex cost analysis
- Calculation of coverage through models
- Simulation using MATLAB

Python Socket Programming (05/2021)
- Creating communication between a server and a client
- Using repetition code as a coding technique and majority voting as a decoding method after scrambling the message

CERTIFICATES

IC3 Digital Literacy, Certiport (08/2021)

ORGANIZATIONS

IEEE BAU Student Active Member (12/2017 - 07/2021)
Attended multiple Seminars and events organized by IEEE yearly

LANGUAGES

Arabic
Native or Bilingual Proficiency

English
Full Professional Proficiency