

## 3GIS & ArcMap Fiber Engineer

Dedicated, motivated bilingual (English, Arabic) **Fiber Engineer** highly regarded for FTTH designing to provide quality assurance for fiber optic implementation. Out-of-the-box thinker, passionate about web programming and data analysis. A hard-worker spending countless hours learning new development languages.

### PROFESSIONAL EXPERIENCE

#### Intern

2019

**MADA:** Beirut, Lebanon

Spent 3 months on a fiber optics project with one of the leading telecommunication providers in Lebanon.

- ✧ Impressed the Senior Manager and Supervisor by working on a new low-level FTTX project in Lebanon.

#### Highlighted Responsibilities:

- ✧ Understand, analyze and solve high level design problems.
- ✧ Used 3GIS - ArcMap to perform subducting and association on several districts in Lebanon. Then, develop and print out schematic and geographic mapping.
- ✧ Satisfied project requirements by following subcontractors' specifications and gaining design approval.
- ✧ Worked within teams and submitted projects assigned within deadlines.

### SKILLS & EXPERTISE

3GIS- ArcMap  
Cross-Functional Collaboration  
Agile Methodology  
Quality Assurance  
Java Programming  
Automation  
Risk Mitigation  
Scripting Languages  
Troubleshooting  
Process Improvements  
Object-Oriented Programming  
Reports & Presentations

#### Intern

2018

**Touch:** Beirut, Lebanon

Excelled in a highly-selective internship program known for selecting 2-4 interns every summer for Lebanon's largest network provider.

#### Highlighted Responsibilities:

- ✧ Real-time examination of NOC's alarm system, act upon any problem that might occur by solving problems directly on system or connecting technicians to fix problem by hand.
- ✧ Understanding and analyzing trends that appear on KPI systems.
- ✧ Participated in drive-tests to analyze and solve cellular connectivity and interference problems.

### PROJECTS

#### Li-Fi Channel Modeling | Beirut Arab University | 2019

- ✧ Conducted research on Li-Fi by performing a literature review of IEEE papers on the subject, summarizing functionality details, and internalizing the technology's pros/cons.
- ✧ Contributed to MATLAB code development that tested the system's functionality.
- ✧ Drafted an extensive portion of the report and presented the research as the team's designated spokesperson.

### EDUCATION & CERTIFICATIONS

Beirut Arab University – Bachelor of Engineering in Communication & Electronics Engineering (2019)

ICDL Certificate, Java Certificate (2017)

### TECHNOLOGY & TOOLS

Microsoft Office (Word, Excel, PowerPoint, Outlook, Access, Publisher) / HTML / CSS / Java & OOP / MATLAB / HFSS / ADS / CST / PowerBI.

### INTERESTS

Travelling, Reading articles and learning new skills.