

Mohd Alam

New York, NY

-Email me on Indeed: <http://www.indeed.com/r/Mohd-Alam/170fd86b95f27bde>

Entry level Electrical Engineer with one years of experience in Fire alarm, Electrical and Lighting Design, looking for growing opportunities. Capable of safe quality and sustainable work with little supervision. Quick learner and able to follow directions well.

Willing to relocate: Anywhere

Work Experience

Electrical Engineer- Intern

All City Engineering, PC - New York, NY

July 2020 to Present

Responsibilities:

- Electrical design skills with receptacle layouts, lighting and egress layouts, power distribution systems for mechanical equipment, etc. Basic understanding of mechanical, plumbing, and fire protection systems.
- Design of fire alarm systems.
- Design Residential & Commercial building electrical services, distribution.
- Design Electrical Power on retail and restaurant projects.
- Design of Electrical Power Systems, Fire Alarm Systems, Lighting and Lighting Control Systems.
- Design of Electrical Power and lighting systems from service to load.
- Service room layout, utility conduit coordination, grounding, and lightning protection.
- Field surveys of Electrical and fire alarm systems.
- Electrical load calculations and Energy report preparation.
- Knowledge of NEPA 70 (National Electrical Code)
- Knowledge of NEPA 72 (National Fire Alarm code)
- Proficiency with AutoCAD

Electrical Engineer

Digicon Telecom

May 2016 to July 2018

Responsibilities:

- Generated RF Design, RF Plots and detailed RF design reports.
- Performed End-to-End performance, frequency planning, design agreements, spectrum management
- Perform machine component analysis and repair on a regular basis.
- Assist with project management training as required.
- Perform computer testing and maintenance in main and local branch business offices.
- Responsible for 2G/3G coverage enhancement program for customers
- Performed drive test analysis, Post processing, Drop calls, handover process
- Performed radio network optimization for GPRS/EDGE networks
- Monitored the radio network KPI for UMTS, GSM & GPRS/EDGE network parameters such as Dropped calls, Blocked calls, Access failures & Handover Failures.

- Design and implementation of SS7 Signaling Network for PSTN/ISDN network of BTC based on Ericsson AXE10 switches and Siemens EWSD.
- Design and implementation of NGN (VoIP) network based on Huawei Platform.

Education

BSc. in Electronics and Telecommunication Engineering

United International University

Skills

- Knowledge of general electrical maintenance and repair
- Able to operate automated and manual tools
- Hands-on experience dealing with hazardous repair handling them in safe and preventive ways
- Proven experience in Fire Alarm, Electrical and Lighting design
- Proven experience in AutoCAD, Wiring and Drafting.
- Experience in Power BI, Tableau, Microsoft Office and Database Key Technology Capabilities
- AutoCAD
- PLC
- Electrical Design
- CAD
- Lighting Design
- Databases
- Fire alarm
- Operating System (Windows, Linux)
- Power
- Microsoft Office Suit (Excel, Word, PowerPoint, Visio and Outlook)
- Wiring & Drafting
- Networking

Links

<http://www.linkedin.com/in/mohdalam1>