**Ahmed Mohammed**

2214 64th St #B1 | Brooklyn, NY

929-233-3332 | ecconsul@outlook.com

US Work Authorized | No Visa Sponsorship Required

**SUMMARY**

Qualified Electrical Engineer with 12 years of experience in the field. Proven project management experience with the ability to handle all aspects of multi-million dollar residential and commercial projects. Worked with major electrical distribution companies to oversee the maintenance of transmission lines within large regions. Possess valid New York driver’s license. **Languages:** fluent in Arabic. **Software Skills:** AutoCAD, DIALUX, Primavera, and Alaltima.

**EXPERIENCE**

**WSP - Parsons Brinckerhoff with Ammann & Whitney,** NY, NY USA

## *Electrical Engineer | School Condition Assessments, 09/2019 – Present*

* Performing condition assessments of NYC school buildings concerning all electrical components.
* Assisting in interviewing the principal and custodial staff regarding the condition of the building.
* Conduct inquiry into the performances, deficiencies and age of major electrical systems and components such as Main Power Services Distribution, Type of Lighting, Fire Alarm System, Security- CCTV System, Public Address System, LAN, Motor Controller, and other related items and systems.

**Architectural Art Engineering and Architectural Consultant,** Riyadh, Saudi Arabia

*Electrical Engineer, Oct 2013 – Oct 2017*

**Project:** Construction of four two-story apartment buildings for a total of 150 housing units. Project was conducted under the Ministry of Finance and had an estimated budget of $8 million

* Supervised the electrical work for all buildings (lighting, fire alarm system, power systems, and light current)
* Designed, reviewed, and approved all plan samples
* Oversaw the implementation of infrastructure within the general area of apartment complex (lighting roads, lighting parks and playgrounds, and the main cables and transformers)

**Nasser Bin Toile Otaibi Contracting, Riyadh, Saudi Arabia**

*Electrical Engineer, March 2012 – Sept 2013*

**Project:** Construction of dam, including electrical, surveying, and civil works, with a budget of an estimated $11 million

* Managed the project, reviewing plans and ensuring plans were followed exactly, following up on all construction works, and monitoring progress constantly
* Performed cost estimation and sent relevant budget to the Ministry
* Supervised a staff of 80 technicians and engineers.

**Sudanese Electricity Distribution Company**

*Director of Electrical Engineering and Administration, March 2009 – March 2012*

* Supervised the manufacturing plants in the main sub-region, overseeing the maintenance teams and business management department
* Addressed the faults of large stations and transmission lines, calling main control to cut transmission lines

**EDUCATION | CERTIFICATIONS**

**Cooper Union Albert Nerken School of Engineering, New York, NY**

**Certification courses in:** National Electrical Code (NEC) and its Applications, 2018

Advanced AutoCAD and Revit, 2018

Bridge, Highway, Tunnels, and Buildings: Professional Practice for Cost Estimating, 2018

OSHA 30 for Construction, 2018

**AL-Zaim AL-Azhari University, Khartoum-Sudan**

Bachelor of Science in Electrical Engineering (Power), 2009

**Sudanese Engineering Council, Khartoum, Sudan**

Licensed Member (number: 16766), 2009

**The Saudi Council of Engineers, Riyadh, Saudi Arabia**

Licensed Member (Number: 151128), 2009