**STEPHEN ALEJE**

aleje@ualberta.ca | 780-807-6619 | Edmonton AB

**HIGHLIGHTS OF SKILLS**

* Excellent academic records and significant work experience in electrical field operating sector including electrical power equipment and electrical distribution system of the building.
* Demonstrated good time management skills by having part-time jobs whilst studying yet maintaining high grades.
* Good computer skills showed while using Microsoft office packages, simulation and transient analysis software (MATLAB/SIMULINK, PSCAD, PLECS) and data analysis tools.
* Demonstrated the ability to work in a fast-paced, dynamic environment collaboratively under tight deadlines while working as an Engineering summer intern and a support admission staff.
* Project management skills such as performing financial analysis of projects, scheduling and budgeting.
* Demonstrated Good communication skills both written and verbal assessed through report writing and presentations.

**EDUCATION**

**MEng in Electrical and Computer Engineering – Energy Systems** Expected June 2021

University of Alberta, Edmonton AB

**BEng (Hons) in Electrical and Electronics Engineering** Sep 2015 – May 2018

University of East London, London UK

**RELEVANT WORK EXPERIENCE**

**Sever** May 2019 – present

Olive Garden Restaurant, Edmonton AB

* Providing excellent customer service to guests and customers in a fast – paced environment.
* Accurately taking guest orders and delivering the ordered food and beverage in a friendly and timely manner.
* Collaborating with team members and managers to ensure health and safety standards.
* Processing approximately $2k in cash, credit and debit transactions.

**Summer Engineering Intern** Jun 2017 – Aug 2017

British Telecommunication (BT), London UK

* Collaborating with the Power Engineers to conduct site inspections.
* Ensuring health and safety requirements while carrying out the maintenance of power equipment such as high voltage generators, air conditioning units and other electrical systems that power the telephone exchange equipment’s.
* Applying technical skills on numerous switches such as troubleshooting faults on customer lines directly from the telephone exchange at BT.
* Performing equipment maintenance routines.
* Taking daily reading on major plant equipment including air conditioning units and preparing competent equipment report inventory for power equipment.

**Clearing Admission Officer at the University of East London** Aug 2016 – Aug 2018

Adecco Group, London UK

* Demonstrated outstanding teamwork skills by working as a member of a team with the admission faculty to ensure applicants were well informed of the programs and the entry requirements.
* Updating and recording decisions made for applicants on university database.
* Respond to e-mail / in-person enquiries from applicants seeking a place on a course.
* Make decision on entry for applicants based on prescribed parameters.
* Prepared weekly spreadsheets and reports based on the team data collection for analysis by team members and admission faculty.

**RESEARCH PROJECT EXPERIENCE**

**Design and Simulation of a Static Synchronous Compensator (STATCOM)** Sep 2019 – Dec 2019

University of Alberta, Edmonton AB

* Designed and analyzed a Static Synchronous compensator for reactive power compensation in a multiterminal connection involving an AC grid, a wind farm and a load.
* Utilized MATLAB SIMULINK software to carry out analysis.
* Demonstrated problem solving, technical report writing and polished technical communication skills through presentation of results and findings.

**Techno-Economic analysis for installing Photovoltaic Solar panels on roofs of homes** Jan 2019 – Apr 2019

University of Alberta, Edmonton AB

* Collaborated with a multi-disciplinary team to study the technical and economic impact of installing solar panels to already built homes in Edmonton.
* Considered their payback periods and internal rate of returns.
* Practiced and demonstrated project management, technical communication, risk assessment & quality assurance and ethics within a group.

**PROFESSIONAL MEMBERSHIPS AND CERTIFICATIONS**

* **Associate member of the institution of Engineering and Technology - IET**
* **Construction Safety Training system, Alberta Construction and Safety association (2019)**
* **The Data Science Course (2020) - 365 careers [online]**
* **SQL- MySQL for Data Analytics and Business – Stanford University and 365 careers [online]**

**TECHNICAL SKILLS**

* **Computing and Statistical programs**: C, C++, Python, MATLAB
* **Microsoft Office Suite**: Outlook, Word, Excel, PowerPoint, Access
* **Simulation and transient analysis software:** MATLAB/SIMULINK, ETAP, PLECS, MULTISIM
* **Data Management and visualization software**: Database management using MySQL, Data Analysis, Visualization of Data insights using Tableau.

**Hobbies**

* Enjoy playing soccer and table tennis with friends and neighbors to keep fit and healthy.
* Reading books for personal knowledge.
* Playing recreational games such as bowling, going to the cinema and attending social events.

**References are available upon request**