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| **Jongo Said Salum** |

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| **PROFILE** |
| Highly motivated Electrical & Electronic Engineering student enthusiastic in Power electronics, smart-grid, renewable energy, electric vehicles, Energy Storage Systems, programming and generally power generation, distribution and conversion technology. I work efficiently under pressure and consistently deliver quality work in consideration of time and resource constraints. |

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| **UNDERGRADUATE COURSES** |

* *Circuit theory, Power Electronics, Signal &Systems*
* *Digital logic circuits, Control engineering*
* *Communication theory, Basic modern physics*
* *Electricity & magnetism, Semiconductor physics*
* *Data structure and algorithm*
* *Introduction to engineering design,*
* *Microelectronics and optics experiments*
* *Engineering mathematics, Physics, and Chemistry*
* *Electrical &Electronics experiments: Application*

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| **GRADUATE COURSES** |
| * *Electric Machine & Control* * *Liquid Crystal Display Devices, IC CAD Labs,* * *Thin Film Physics for Nano Scale Process* * *Semicond Materials & Device Characterization* * *Electric Power Quality Analysis* * *Master’s Thesis Research (V2G & G2V)* |
| **SKILLS** |
| * Microsoft office * C, C++, R, Python, MATLAB * Verilog hardware programming language HDL and Experienced IDEs like ADUINO * Advanced in simulation software like PSCAD, LTSPICE, SIMULINK and PSPICE * HTML, CSS, Java script and Django for web-design & development * Efficient in using Adobe photoshop and Illustrator * Efficient in power Control techniques * Confident in Energy storage System (ESS) model Implementations * Interpersonal communication, leadership and teamworking |
| **PORTFOLIO** |
| * Reproduced multiple IEEE research papers, and simulated countless models in MATLAB (Simulink) and PSCAD * Published several articles for the Korean International Student Union Website under ‘KOREA ECONOMY MAGAZINE’ * Did 1 year volunteering activity for UNEP and UNICEF * Won full scholarship (KGSP) which needed only two people from Tanzania, covering $900 monthly stipend, health insurance and 4years tuition fees in Korea. * Tri-lingual speaking fluent Korean, English and Swahili. * Attended Tanzania National service for three months * Volunteered for 1 year under a KT program called ‘KT dream school’ teaching English and Int’ culture to the Korean kids * Chosen as a representative of International students for 3 consecutive semesters in Yonsei University. Won multiple times in the events such as coding contests, drone programming competition, and sports (Marathon) * Helped to create TANROK website, <http://tanrok.com/>. TANROK is an association formed to connect Tanzanians studying/ working in South Korea. Tanzania did not have embassy here in South Korea until late 2018, so TANROK has been playing a major role to solve Tanzanians’ problems in and out of Seoul. * Worked as a research assistant in the Power Electronics lab in Seoul National University of Science and Technology (SeoulTech) under professor Young-Il l Lee. I had 6 months contract for this internship as a research assistant until the end of August ). |
| **EDUCATION** |
| 2019 September ~ present  Yonsei University – Master’s Degree in Electrical & Electronics Engineering.  2015 March ~ 2019 February (Graduated)  Yonsei University – Bachelor’s degree in electrical &Electronics Engineering. |