

## **CURRICULUM VITAE**

### **PERSONAL INFORMATION**

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NAME : SSESSAAZI NASSER  
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### **CAREER OBJECTIVE**

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To obtain a position that will enable me to use my software development skills, educational background, and ability to work well with people.

### **STRENGTHS**

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- Excellent communication skills
- Great analytical skills
- Pleasing personality
- Goal oriented
- Highly organized
- Punctual

### **EDUCATION**

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Bachelor of Science in Software Engineering, MAKERERE UNIVERSITY, Kampala,  
August 2016 – May 2020  
Uganda Certificate of Advanced Education, KIBULI SS, KAMPALA  
2014 – 2015  
Uganda Certificate of Education, KIBULI SS, KAMPALA  
2010 - 2013

## PROJECTS

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### **RECESS PROJECT 1, MAKERERE UNIVERSITY**

**DURATION:** May 2017 – August 2017

**POSITION:** Network/Systems Administrator

**RESPONSIBILITIES:**

- Designing and implementing web sockets in C and PHP programming languages.
- Carrying out tests to discover errors and bugs to optimize usability
- Developing various relational database models using MySQL and MongoDB

**ACCOMPLISHMENTS:**

- Gained proficiency in setting up and troubleshooting Windows and Linux servers.

**TECHNOLOGIES USED:**

- PHP
- C

### **RECESS PROJECT 2, MAKERERE UNIVERSITY**

**DURATION:** May 2018 – August 2018

**POSITION:** Data Science Intern

**RESPONSIBILITIES:**

- Collecting various datasets and doing data analysis in the R programming language
- Developing various machine learning models to predict credit scores of loan applicants.

**ACCOMPLISHMENTS:**

- Gained proficiency in using the R and python machine learning ecosystems and how to apply that to different use cases

**TECHNOLOGIES USED:**

- R
- Python

## WORK EXPERIENCE

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### **ARTIFICIAL INTELLIGENCE RESEARCH LAB, MAKERERE UNIVERSITY**

**DURATION:** May 2019 – November 2019

**POSITION:** Research Intern/ Developer

**RESPONSIBILITIES:**

- Exploring and implementing various deep learning algorithms and how to use them to solve computer vision and speech recognition problems in the context of agriculture in Uganda (worked in collaboration with National Agricultural Research Organization , NARO)
- Developing various applications to help farmers across Uganda to detect crop diseases early and hence prevent them.
- Extensively building end-to-end backend web systems

**ACCOMPLISHMENTS:**

- Developed a system that enables farmers to diagnose their crops in real time and also speeds up the research process regarding diseases affecting cassava crops in Uganda

**TECHNOLOGIES USED:**

- Python
- MongoDB
- Docker
- Kubernetes
- Postman

**PEGASUS TECHNOLOGIES LIMITED,KAMPALA**

**DURATION:** December 2019 – present

**POSITION:** Software Developer

**RESPONSIBILITIES:**

- Designing, implementing and testing APIs for real time payment systems
- Maintaining and upgrading existing software systems
- Implementing services for processing financial transactions
- Supporting clients during user acceptance tests.

**ACCOMPLISHMENTS:**

- Developed a system that automates school fees payment for clients of Kenya Commercial Bank.
- Enhanced MTN XtraFloat system to allow more roles to end users.

**TECHNOLOGIES USED:**

- ASP.NET and C#
- SQL
- Postman

## REFERENCES

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NAME	TITLE	EMAIL	CONTACT
<b>Mr. AKERA BENJAMIN</b>	<b>SENIOR RESEARCHER,ARTIFICIAL INTELLIGENCE RESEARCH LAB,MAKERERE UNIVERSITY</b>	<a href="mailto:akeraben@gmail.com"><u>akeraben@gmail.com</u></a>	0785304678
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