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# Michael Tendo Ssemwanga

## Data Scientist • Software Developer

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## SKILLS

Data science		Mobile development	
Web development		Machine learning	
Tensorflow		Flutter	

## WORK EXPERIENCE

### Data scientist, [Akorion Company Ltd](#) - Kampala, Uganda

MARCH 2020 - PRESENT

- Developing recommender systems.
- Applying time series forecasting in agricultural weather.
- Employing computer vision for Armyworm pest image detection.
- Data cleaning, analytics and visualisation
- Product innovation

Python • Machine learning • ODK • Tensorflow • LightFM

### Co-Founder, [Loft Uganda](#) - Kampala, Uganda

JUNE 2019 - PRESENT

Software development agency

### Software Developer, [Witsmind Co. Ltd](#) - Kampala, Uganda

JULY 2019 - MARCH 2020

- Contributed to Hozybook mobile app development.
- Applying computer vision to develop a sketch-to-design tool.

Flutter • Tensorflow • Firebase

### Statistics Intern, [Bank Of Uganda](#) - Kampala, Uganda

JUNE 2019 - JULY 2019

- Conducting economic surveys.
- Performing data analyses.

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## EDUCATION

### **Bachelor of Statistics, Makerere University**

AUGUST 2017 - MAY 2020

Statistical theory • Data collection, and analysis.

### **Uganda Advanced Certificate of Education, Masaka Secondary School**

2015 - 2016

Mathematics A • Physics A • Chemistry C

### **Uganda Certificate of Education, Masaka Secondary School**

2011 - 2014

## AWARDS

### **Intel Edge AI Scholarship, Udacity**

JANUARY 2020

Open VINO toolkit, custom models, model deployment.

### **Google Africa Scholarship Android Developer Course, Udacity**

AUGUST 2018

Android Java development, MVC architecture, API integration.

### **Certifications, Google Ads Academy**

NOVEMBER 2019

Google Ads Display • Campaign Manager • Creative Certification

## PROJECTS

### **[Form Scooter](#), Personal project - *Kampala, Uganda***

JUNE 2020

Server-less one-step form collection web app.

Node.js • EJS • mongoDB

### **[Hozybook](#), Witsmind Co. Ltd - *Kampala, Uganda***

NOVEMBER 2019 - MARCH 2020

Mobile e-book reading app.

## QUALITIES

Mastery • Multitasking • Ingenuity • Flexibility • Productivity • Drive • Teamwork

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## REFERENCES

**Katuula Joel** - *Chief Executive Officer*

WITSMIND COMPANY

[katuula@witsmind.com](mailto:katuula@witsmind.com)

**Joseph Magandazi** - *Banking Officer*

BANK OF UGANDA

[jmagandazi@bou.or.ug](mailto:jmagandazi@bou.or.ug)