

Emmanuel Oluoch Olang'

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Education

September 2018 - December 2020

Strathmore University, Nairobi - *Master of Science Degree in Information Technology*

January 2014 - March 2018

Jaramogi Oginga Odinga University, Bondo - *Bachelor of Science Degree in Computer Security and Forensics*

Industry Experience

January 2021 - PRESENT

Strathmore University, Nairobi – *Teaching Fellow*

- Teaching and examining assigned courses (Database Systems, Data Structures, Algorithms)
- Supervising final year computer science projects for both undergraduate and diploma students.

September 2019 – December 2020

Strathmore University, Nairobi – *Graduate Assistant*

- Teaching and examining assigned courses (Data Structures, Algorithms)
- Assisting in development, planning, and conducting academic curriculum reviews.

January 2017 – March 2017

University of Nairobi, Nairobi - *Attaché*

- Scheduling software and hardware upgrades across assigned labs in the institution.
- Troubleshooting and maintenance of LAN networks

Teaching Experience

January 2021 - PRESENT

Strathmore University, Nairobi

- *Teaching and examining assigned bachelors and diploma courses i.e. Database Systems, Data Structures, Algorithms. Varying class size of 40 – 110 students (dependant on intake course)*

January 2020 – December 2020

Strathmore University, Nairobi

- *Teaching and examining assigned bachelors, diploma, CISCO courses i.e. Database Systems, Data Structures, Algorithms, IT Hardware Fundamentals. Varying class size of 10 – 70 students (dependant on intake and course)*

Participation in Academic Events

- Virtual Data Science Africa July 24 - Aug 1, 2020 (Attendee)

Community Service

July 2018 - Present

Volunteer Office Assistant at Nairobi Orthopaedic and Spinal Clinic

December 2020 - Present

Volunteer Data Scientist at Zindi Africa

Skills

- Programming languages: Python
- Data Structures & Algorithms
- Databases
- OOP
- Research