

Bonface Martin Oywa

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EDUCATION

Nanodegree - Deep Learning

Apr 2019 - Feb 2020

Udacity, Online

Awarded Udacity Scholarship 2019-2020 by Facebook AI.

Bachelor of Science (B.Sc.) - Computer Science

Sep 2017 – April 2022 (Expected)

Laikipia University, Nyahururu

GPA: Second Upper (67.68%)

Courses: Data Structures and Algorithms, AI, Object Oriented Programming, Cloud Computing, Calculus, Linear Algebra, Probability and Statistics, Project Management.

Thesis: Music Emotion Recognition Algorithm using Deep Learning for Music

Recommender Systems.

EXPERIENCE

Software Engineer Intern

Oct 2021 - Present

Kyosk Digital Services, Nairobi, KE

- Backend Software Engineer in the Technology Division.

Software Engineer Intern

Jul 2020 - Aug 2020

Goldman Sachs, London, GB

- Software Engineer in the Consumer and Investment Management Division (CIMD).

- Successfully implemented a functional projects release manager based on the GitLab API within a span of 4 weeks that reduced the proposed migration from an internal projects release manager to GitLab from 1 year to less than 6 months.

Machine Learning Technical Lead

Sep 2019 - Apr 2020

Developer Student Clubs, Nyahururu, KE

- Machine Learning Technical Lead for Developer Student Clubs chapter at the Laikipia University as part of the chapter's Core Team during this period.

- Improved interest rates in the broader Artificial Intelligence field from having only 2 students attending per week to at least 10 every meetup throughout a span 2 months.

- Currently we have over 30 students either enrolled in Machine Learning Courses and/or building solutions to solve real-world challenges by utilizing Machine Learning.

SKILLS

Python, Windows, Linux, Problem Solving, PyTorch, Flask, Pandas, Numpy, Git, GitHub, Java, Matplotlib, MongoDB, C/C++, SQL, TypeScript, Golang, Leadership, Research.

PROJECTS

Creative GAN

Mar 2020 - Oct 2020

<https://github.com/martinoywa/creative-gan>

- Team project that utilizes the DCGAN architecture from Facebook AI Research to generate images of concept car designs.

- Application areas include the creative industry.

- Awarded Score: A.