

# MARTIN OYWA

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## CAREER OBJECTIVE

I am interested in research involving deep learning and its applications for computer vision and natural language processing.

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## EDUCATION

### **Laikipia University, Nyahururu, KE (Sep 2017 – Present)**

- Bachelor of Science in Computer Science

### **Udacity (Apr 2019 – Jan 2020)**

- Deep Learning Nanodegree  
- Awarded Udacity Scholarship from 2019-2020

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## TECHNICAL SKILLS

### **Languages**

- Experience in: Python

### **Software & Technology**

- Platforms: Windows, Linux, GCP  
- Libraries: PyTorch, OpenCV, TensorFlow, Flask

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## EXPERIENCE

### **Chairperson for Laikipia University Computer Students Association (2019- Present)**

*Nyahururu, KE*

- Mentor and Leader in the club

### **Machine Learning Lead at DSC Laikipia University (2019 - Present)**

*Nyahururu, KE*

- Machine Learning mentor and lead

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## PROJECTS

### **Dermatologist AI**

- Visually diagnoses melanoma, the deadliest form of skin cancer  
- <https://devmesh.intel.com/projects/dermatologist-model>

### **Face Dataset Maker**

- Program developed to help in generation datasets that can be used for facial detection and recognition models
- <https://github.com/martinoywa/face-dataset-maker>

### **Predict Label Mobile Application**

- Android application that runs a PyTorch model trained on ImageNet to predict the label of an image fed into it
- <https://github.com/martinoywa/predict-label>

### **Digit Recognizer Web Application**

- Flask web application for deploying a digit classifier model built using PyTorch
- <https://digit-class.herokuapp.com/>

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## **CERTIFICATES**

### **End-to-End Machine Learning with TensorFlow on GCP**

- <http://coursera.org/verify/6MQSH2VTJBAL>

### **Deep Learning Nanodegree**

- <https://confirm.udacity.com/NNPNFP7R>

### **Android Developer Beginner Bundle**

- [https://drive.google.com/open?id=1ej8FozOPLFAOYPRTrUPyOl4kIunjz\\_ZO](https://drive.google.com/open?id=1ej8FozOPLFAOYPRTrUPyOl4kIunjz_ZO)

### **MongoDB Basics**

- [https://drive.google.com/open?id=118o0J9rQRkdZ8JuVm6Xw\\_-QeDBINme0M](https://drive.google.com/open?id=118o0J9rQRkdZ8JuVm6Xw_-QeDBINme0M)

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## **SERVICE & LEADERSHIP**

Volunteer for PyConKE 2017	Oct 2017
Volunteer for IndabaX 2019 Teens In AI Hackathon	Aug 2019
Volunteer for DevFest 2019 Nairobi	Oct 2019
Volunteer Judge for TryAI Event 2020 at AAAI	Feb 2020