

Joan Njoroge

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Gender: Female **Date of birth:** 12/10/1993 **Nationality:** Kenyan

ABOUT ME

Proactive in mastering new skills and collaborate in a team to achieve business needs.

Skills: Analytical skills, Team-work oriented, Python, Java, PHP, JavaScript, Git Workflow, SQL, GIS, MATLAB, ML

EDUCATION AND TRAINING

[09/2016 – 09/2019] **BSc (HONS): COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE:**

University of Nottingham <https://www.nottingham.ac.uk/ugstudy/course/Computer-Science-with-Artificial-Intelligence-BSc>

Address: Nottingham, United Kingdom

[09/2015 – 09/2016] **FOUNDATION IN SCIENCE**

University of Nottingham

Address: Selanghor, Semenyih, Malaysia

[01/2009 – 12/2012] **KCSE : A-**

St. Georges Girls School

Address: Nairobi, Kilimani, Nairobi, Kenya

PUBLICATIONS

[2019] **Convolution Neural Networks for Head pose estimation "in the wild"**

https://www.researchgate.net/publication/334286261_Convolution_Neural_Networks_for_Head_pose_estimation_in_the_wild

Research detailing the evolution of face tracking and pose estimation methods.

PROJECTS

[09/2018 – 05/2019] **Head Pose Estimation**

Industrial Experience in research and development of an Advanced Driver Assistance System using Python for Microlise Telematics.

<https://github.com/kafura0/attention-detection>

[01/2019 – 04/2019] **Autonomous Intelligent Garbage Collector**

Java Agent Development simulation of the A* algorithm for a Roomba

<https://github.com/kafura0/Designing-Intelligent-agents>

[09/2017 – 05/2018] **Geo-Spatial Data collection and crop health analysis**

Landsat data collection and processing to chart changes in the vegetation index for Crop For the Future, Malaysia.