

Mũuo Wambua

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Education

University of Toronto 2016 – 2018

MSc in Computer Science

- **Research:** Information Retrieval and Natural Language Understanding.
- **Thesis:** [Identifying Opposing Views in Online Discourse](#) [↗](#)

Jomo Kenyatta University of Agriculture and Technology 2010 – 2014

BSc in Mechatronic Engineering

Experience

Machine Learning Engineer Cupertino, CA

Apple

Mar 2019 – present

- I work on personalised search for Spotlight and Siri. Core contributor to Apple Intelligence’s Personal Content Search & Question Answering features.
- Worked on Smart Replies for the Apple Watch. Participated in training and deploying models trained using privacy preserving on-device ML and helped drive our A/B testing process.
- Contributed to Siri Suggestions (Found in Apps), and personally drove the release of the suggested birthdays feature.

Machine Learning Engineer

Yaar Inc

Toronto, ON

Feb 2018 – Feb 2019

- Implemented an autonomous web-navigation agent controlled by an interactive dialogue system.

Software Engineer (Intern)

Sculler Energy

Toronto, ON

June 2017 – Aug 2017

- Made functional improvements to a SCADA system used to monitor 10 Solar Farms.
- Designed and prototyped a remote control system later deployed to over 100 solar-trackers.

Software Developer

IBM Research

Nairobi, KE

Jan 2015 – Aug 2015

- Responsible for development of cloud infrastructure and analytical components for research projects in the IOT space.
- Developed water-infrastructure management software for Philippines’ National Water Resource Board.

Patents

Providing personalized responses based on semantic context 2020

Apple Inc

System, method and computer program product for query clarification 2019

University of Toronto

System and method for creating and managing intelligent water points in resource constrained regions 2016

IBM Corp

Technologies

Languages: Objective-C, Swift, Python, Go, C++, C, Java, SQL, JavaScript

Technologies: Unix/Linux, XCode, Pytorch, Tensorflow Builder