

Africa



Egypt



Kenya



Ethiopia



Nigeria



Ghana



Somalia

OBJECTIVE

This document provides a summary of the initiatives that students and recent graduates of Carleton's Technology Innovation Management (TIM) program who were born in Africa are carrying out in Ottawa as of March 2015.

TIM students and graduates are shaping the future of Africa-Canada relationships. Today, TIM students and TIM graduates born in six African countries are working hard to launch and grow their companies; complete research theses and projects; serve businesses in Africa and Canada; and support the Ottawa community.

On March 17, 2015 the TIM program and the Ottawa community celebrated the accomplishments of the TIM students and TIM graduates who were born in Africa.

We are grateful to the funders of the Carleton-led Accelerator for supporting TIM Africa: Ontario Centres of Excellence, Carleton University, the TIM program, and the Nicol Entrepreneurial Institute at Carleton University.

LAUNCHING AND GROWING COMPANIES

Mackenzie Adams (M.Eng. TIM)

Mackenzie Adams is a VP/Creative Director at SOMANDA, a consulting company. Over the past 15 years, Mackenzie has worked in a variety of fields ranging from social work to accounting and has used those experiences to develop strong strategic and analytical skills. She is interested in the fields of artificial intelligence and quantum computing, and how they relate to cybersecurity.

"Mackenzie Adams" <mack.adams@gmail.com>

Afolabi Adare (M.Eng. TIM)

Innovers

Innovers provides products and services that i) reduce the costs of purchasing energy by transforming human vibrations into energy to power buildings and ii) detect building damages early. Early customers include operators of hockey arenas.

"Afolabi Adare" <AfolabiAdare@cmail.carleton.ca>

"Akinlolu Oluwoye" <AkinloluOluwoye@cmail.carleton.ca>

Akinlolu Oluwoye (M.Eng. TIM)

Justice Akligo (M.Eng. TIM)

CardsAfric

CardsAfric turns student ID cards into payment cards that can be used to pay for goods and services on college or university campuses. Currently, in Ghana as many other African countries, student ID cards are mere photo ID cards only used for verification before writing exams. CardsAfric will deploy solutions currently available at Canadian post-secondary institutions in Africa.

"Justice Akligo" <justiceakligo@cmail.carleton.ca>

Esther Anegebe (M.Eng. TIM)

Tech Wits

Tech Wits provides information and communication technology services to startups and their accelerators and incubators. Tech Wits helps venture owners leverage their limited finances in smarter and more effective ways. Tech Wits is a great equalizer that levels the playing field between ventures and their much larger competitors. Tech Wits works closely with startup accelerators to provide services such as consulting, set up, administration, and user support of relevant cloud solutions.

"Esther Anegebe" <estheranegebe@cmail.carleton.ca>

Tamunoiyowuna Apiafi (M.Eng. TIM)

Mobolaji Ojo (M.Eng. TIM)

Insight Lenz

Insight Lenz uses technology to scan a person's eyes for the purpose of identifying medical illnesses. This is most beneficial to people who are carriers and are typically asymptomatic. The breakthrough of multi-spectral imaging in medicine to explore anatomy, physiology and pathology has helped us to understand how we can deliver a retinal scan medical aid to monitor and detect systemic diseases with ocular manifestations. To Insight Lenz, your health is our gain!

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"Mobolaji Ojo" <MobolajiOjo@cmail.carleton.ca>

Adefemi Debo-Omidokun (M.A.Sc. TIM, 2012)

Emrads Inc.

The Emrads Tele-Pharm solution helps remotely located patients to access professional and trustworthy pharmacy services and pharmacists to grow their revenue. The Emrads Tele-Pharm is an open source web conference application built and integrated into web system.

"Adefemi Debo-Omidokun" <omobagrp@gmail.com>

Alem Legesse (M.Eng. TIM, 2013)

Syncrodata

Syncrodata develops and markets TrendifyLive, software that enables customers to collect intelligence from tweets and increase their return on investment. TrendifyLive uses natural language processing capabilities to extract public opinions in real-time. The real-time insights are ranked to save time, help companies market their products and services appropriately, and deal with customer issues efficiently. Initial target customers include news organizations and advertisement agencies, political organizations and governments.

<http://syncrodata.com>

"Alem Legesse" <alem@syncrodata.com>

Maged Makramalla (M.Eng. TIM)

Game it!

Game it! leverages the use of gamification to solve real world problems. The company's first project is directed towards decreasing the chances of successful security attacks on companies, which are created by employee negligence. Game it! provides employees with an effective tool to improve their ability to detect cyber threats and protect the company appropriately. The management can continuously monitor and assess their employees' readiness towards preventing security breaches.

"Maged Makramalla" <MagedMakramalla@cmail.carleton.ca>

Amarachukwu Oguegbu (M.Eng. TIM)**Ace's Cuisine**

Many Africans find it quite difficult to get used to the available Canadian dishes; they long for a taste of food from home. Ace's Cuisine provides unique and healthy meals that cater to people interested in African food with a Canadian spin. Currently, Ace's Cuisine provides bulk-cooking services to African students and young professionals. In the near future, the company will operate a unique restaurant that attracts customers interested in a combination of African and Canadian cooking. The long-term goal of Ace's Cuisine is to operate a franchise business.

"Amarachukwu Oguegbu" <AmarachukwuOguegbu@cmail.carleton.ca>

Olufemi Olawale (M.A.Sc. TIM, 2012)**Zapot Technologies**

Zapot Technologies is an engineering company that provides close circuit security surveillance systems in Nigeria. The company specializes in the integration of remote recording technology to address the unique challenge facing the financial industry. Zapot Technologies provides services and maintains the basic infrastructures required for forensic investigations carried out by law enforcement agencies. Zapot is also entering the new market of security of life and properties in the wake of terrorism and kidnapping related activities.

www.zapottechnologies.com

"Olufemi Olawale" <pastorfemiolawale@yahoo.ca>

Faith Ben Edo-Osagie (M.Eng.TIM)**Fastcash**

Fastcash simplifies how money is sent and received internationally. Fastcash is highly secured mobile software installed on your Android, Apple and other mobile devices. It allows you to send money from your bank account to family and friends locally and internationally by pressing just a few buttons. The sender receives the money in a couple of minutes and a notification. Fastcash provides its customers with real time exchange rate information to help senders and receivers identify the best day or time to make transfers.

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Jane Otu (M.Eng. TIM)

E-Shopper

Getting groceries can be a daunting task, especially if the store is not easily accessible whether for geographical, logistical, or health reasons. E-Shopper develops and markets an application that enables users to conveniently purchase groceries from any store and have it delivered to them within a geographical area.

"Jane Robert Otu" <janeotu@cmail.carleton.ca>

PRODUCING TIM THESES AND PROJECTS

Adelakun Ademola Adegbemi (M.Eng. TIM)

TOUCH-PAY-GO

Manual systems to pay for transport costs allow corrupt drivers to cheat. The "TOUCH-PAY-GO" system is a project set out to automate the transport system. It involves a machine readable card, which will be purchased by each customer and recharged on a basis of usage, a data receiving device which will be assigned to every driver, a software platform installed on the pc of the transport owner to regulate incoming transactions and real time information of the device and a back-end platform.

"Adelakun Ademola Adegbemi" <AdemolaAdelakunAdegb@cmail.carleton.ca>

Olukayode Adegboyega (M.A.Sc. TIM)

Cyberattacks: Club Theory Perspective

Olukayode's research focuses on using theory of club goods to examine cyber-attacks as collective actions of individuals and organizations linked on the Internet.

"Olukayode Adegboyega" <OlukayodeAdegboyega@cmail.carleton.ca>

Judith Iriele (M.Eng. TIM)

Addressing IRES (NIG) Company's Customer Retention Challenge through Business Model Improvement

My project serves the needs of a client company which is a family business in Nigeria. The company is faced with the challenge of retaining their existing customers. The existing business model of this firm has not produced the high returns originally predicted. This project will help refocus the business on effective customer management and allow the company to take advantage of new revenue opportunities.

"Judith Iriele" <judithiriele@cmail.carleton.ca>

WORKING AND LIVING IN OTTAWA

Uruemu Agwae (M.Eng. TIM, 2014)

Nigeria High Commission

"Uruemu Agwae" <uruemuagwae@cmail.carleton.ca>

Kevin Muita (M.Eng. TIM, 2014)

Kevin is working to start and grow a revolutionary technology start-up in Canada. He is interested in research in entrepreneurship, cybersecurity, additive manufacturing, sustainable energy, and techniques in system analysis and design. He has published in the TIM review and the INCOM conference 2015. He has completed proposals to digitize a supply chain business as well as diversify and advertise a technology start-up, both in Kenya.

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ABOUT TIM

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