



EWB Long Term Fellowship M-Shule

Role: Impact & Data Analyst

Venture: M-Shule

Website: <http://mshule.com>

Location: Nairobi, Kenya

Start Date: Full-time Training in Toronto (accommodation provided) beginning October 1st 2017, departure for placement October 22nd 2017

Duration: 12 months

Engineers Without Borders Canada (EWB) is a Canadian NGO that invests in people and ventures to create a thriving and sustainable world. Bolstered by its network of 40 chapters and 1300 members, EWB provides seed funding, talent and mentorship to social enterprises throughout Sub-Saharan Africa. For more information on EWB, visit <http://ewb.ca/>.

The EWB Fellows Program

The EWB Fellows Program exists to develop a cadre of Systems Change Leaders by equipping them with the opportunities, competencies and skills needed to build a more thriving and sustainable world. Every year we recruit 25-30 outstanding people for the 12-month Fellowship, placing successful candidates in one of our early-stage Ventures located throughout Sub-Saharan Africa. This Fellowship opportunity is with **M-Shule** and is based in **Nairobi, Kenya**.

About M-Shule

M-Shule, meaning “mobile school”, is the first adaptive, mobile learning management platform for 144 million primary school students across Sub-Saharan Africa. M-Shule uses artificial intelligence and child-centered education design to deliver a personalized learning experience to each learner and empower schools all through SMS and web. M-Shule is piloting in 2017 across 20+ primary schools in Nairobi, Kenya that teach more than 12,000 students. From there M-Shule will scale to educate millions of children and learning communities around the African continent and the world. Find out more on our [website](#), [Facebook](#) or [Twitter](#).



About the role

You will be a major part of a small and agile development team driving the first-ever application of artificial intelligence in primary schools in East Africa. We are looking for someone who is excited by the opportunity to draw from innovations in the international edtech space, and figure out how to apply them in a developing market. How do you deliver a transformational adaptive, mobile learning product when we can't rely on regular electricity, digital literacy, or quality education standards? That's what you get to find out!

We have already built and are implementing our initial pilot product in low-cost primary schools across Nairobi, Kenya. We now invite you to tackle projects like designing and implementing customer insights programs, using quantitative and qualitative data to understand learning performance growth, and helping the team test and iterate on assumptions to improve our business. If you enjoy creating actionable insights from data that leads to huge impacts, then our team is a great fit for you.

As an **Impact & Data Analyst** for **M-Shule**, your responsibilities will include:

- Collecting, analyzing, and interpreting quantitative and qualitative data from a variety of sources to allow team to make decisions around user experience, product, performance, and strategy.
- Designing experiments and projects to test impact assumptions, measure KPIs, and make recommendations based on your findings.
- Developing and monitoring new and better systems for high-quality data collection, measurement, and management.
- Creating compelling stories about our impact based on analyses to share with customers, team members, partners, and other stakeholders.

Sound exciting? Here's who we are looking for.

Skills & Requirements

A desire to impact education, independent project management skills, and exceptional problem-solving abilities are all essential prerequisites on the M-Shule team. For this role, we're also looking for someone with the following:

- Bachelor's degree in quantitative field such as Economics, Math, Statistics, Business, Finance, or Computer Science; other degrees acceptable if there was strong coursework in the above areas.
- Skills working with some of Microsoft Excel, SQL/Linqpad (or other query



language), R, and/or Stata.

- Experience in working across quantitative and qualitative data to extract actionable insights and communicate recommendations to improve performance.
- Flexibility and willingness to jump in and lead projects in a hands-on, fast-paced startup environment.
- Strong customer orientation.
- Enthusiasm and commitment to learning and collaboration across cross-cultural teams.

Preferred Qualifications:

- Familiar with Lean Data principles and methods.
- Background in design thinking/human centered design.
- Previous experience working in developing contexts and deriving insights from often “messy” data.

Please note: You must be a Canadian citizen or permanent resident in order to apply. No exceptions.

Compensation

All costs relating to the placement are either paid for directly by EWB (airfare, insurance, vaccinations, and trainings) or indirectly through a living stipend, which covers food, living expenses, local travel, etc. Fellows also receive an honorarium that can be used to assist with repatriation costs that is provided after completion of 12 month contract. The stipend covers basic living expenses for a modest lifestyle in your placement country. You should not expect to save money during this year or use the stipend to cover previous expenses (ex. student loans).

Additionally, EWB offers a range of benefits including insurance, a settlement allowance, professional development opportunities, and more.

Application Instructions

Submitting your application for the EWB Fellowship involves two steps:



Step 1: Under the subject line “Impact & Data Analyst – M-Shule”, submit your CV/Resume to ltfrecruitment@ewb.ca

Step 2: Complete the [following online application form](#).

We **highly encourage** applicants to apply for more than one role as this is a highly competitive program. If you would like to submit your candidacy to more than one role, please fill out separate forms.

Applications will be reviewed, and interviews scheduled on a rolling basis, so please submit your application as soon as possible. If the posting is still on our website, consider the role available.

For further detail about EWB, please read our Fellowship FAQ, [our website](#).