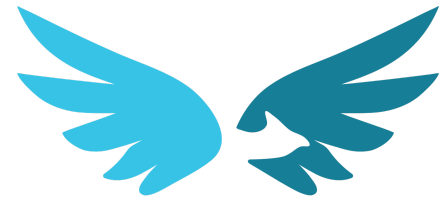




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NUMIDA

EWB Long Term Fellowship Data Scientist - Numida

Role: Data Scientist

Venture/team: Numida

Website: <http://numida.co>

Location: Kampala, Uganda

Start Date: Training beginning May 7th, departure for placement May 27th, 2018

Duration: 3 weeks of training in Toronto, 12 months in Uganda

About Numida

Numida is a fast-growing Ugandan fintech company that is building the digital products and services that African small businesses need to thrive. Our first product is a financial management app that enables Ugandan entrepreneurs to keep good records, make better decisions and access convenient and unsecured credit. Entrepreneurs use the app to keep track of their cash flows and we use the cash flow and financial management behavioral data to determine their creditworthiness and issue loans via mobile money.

About EWB Canada

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>.

About 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 Numida and is based in Kampala, Uganda.

About the Role and Summary of Work

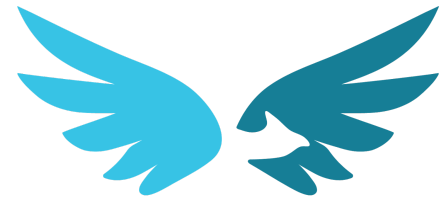
Role: Data Scientist

Location: Kampala, Uganda

We are looking for a data scientist who will build new data models that will reduce the lending risk borne by Numida while simultaneously pushing the boundaries of the cost and accessibility of credit for small businesses in Uganda. Your primary datasets will include a small business owner's financial management



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behavior, the cash flows of the business, the inventory records of the business, and repayment performance of existing clients.

Specific Responsibilities

- Discovering the connections between different pieces of data and credit worthiness specific to financially excluded small businesses in Uganda
- Owning one or multiple data models, building, and maintaining all data analytics infrastructure for these models
- Advising both the product and credit teams based on your findings in order to lead new ways of underwriting our clients, and improving our data capture and quality of data
- Driving strategic initiatives and experiments to improve portfolio performance and the overall customer experience

Who We're Looking For

Numida envisions a future where African small business owners have the tools and resources they need in order to reach their full potential. We are working on one of the biggest problems in African financial markets – *how to give a profitable unsecured loan to a small business?*

First and foremost you must believe in the power of developing world small businesses to create jobs and drive development and poverty reduction in their communities.

The ideal candidate will:

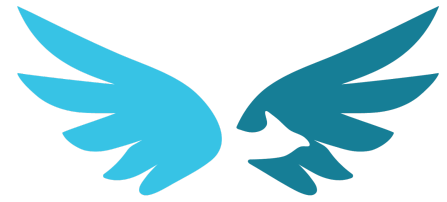
- Have a command of statistical analysis and machine learning concepts
- Be proficient in SQL and/or Python
- Be curious. You ask great questions, and you are a natural problem-solver
- Not be afraid or debilitated by ambiguity, but thrive in it. You love new challenges and you are obsessed with overcoming them
- Be independent. You can think for yourself. You don't need someone to tell you what to do. You take initiative, and you don't ask for permission.
- Be a strong communicator. You are thorough in documenting your learning
- Be a very hard-worker and a team player. You are not afraid to ask for help.
- (Preferably) have experience in either finance/credit or enterprise services

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

Compensation



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All costs relating to the placement are either paid for directly by EWB (airfare, insurance, vaccinations, 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. It is not likely that you will be able to use the stipend to cover previous expenses (ex. student loans). However, EWB will do its best to support you in extending the non-repayment period on student loans if necessary.

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

Numida also has an Early Employee Share Options pool which is being made available to EWB Fellows.

Application Instructions

Submitting your application for the EWB Fellowship involves two steps:

Step 1: Under the subject line “Data Scientist - Numida”, 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 refer to our [website](#).