Innocent Nzimenyera

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Summary Section

Data Scientist with strong math background and 2+ years of experience using predictive modeling, data processing, and data mining algorithms to solve challenging business problems. Involved in Python open-source community and passionate about deep reinforcement learning.

Education Background

Carnegie Mellon University   Aug 2022–June 2024
Master of Science in Information Technology
Specialization in Data Science, Applied machine learning
University of Rwanda, College of Science and Technology   Sep 2015-Nov2019
BSc (Hons) in Computer Science

Work Experience

Global Green Growth Institute.   Dec 2021-Present
Individual data science consultant
Data Science Intern.   June 2021-Dec 2021

- Designed a dashboard allowing policymakers to explore the Green Growth Index and data.
- Developed an online policy simulation modelling dozens of variables using a statistical and economic model.
- Took the initiative to decrease time spent on data collection and easy processing through pipeline automation.
- Trained and supervised team members in modelling and coding best practices.

Rwanda Ministry of ICT and Innovation.   Sept 2019-June 2021
Digital Ambassador

- Preparing ICT training for people to increase their digital literacy resulting in increased access to ICT and use of online systems and services.
- Updated course content depending on the user's adaptabilities.
- Creating and monitoring user-friendly templates for other team members used for reporting.

Besoft Ltd   Nov 2018-Aug 2019
Software Developer
- Responsible for data processing, data storage, data preparation, and dashboard development
- Produce clean, efficient code based on specifications. Gather and evaluate the feedback.
National Bank of Rwanda.   Jun 2018-Oct 2018
Academic Intern

- Used a help desk application to provide technical assistance and support for incoming queries and issues related to computer systems, software, and hardware.
- worked on local domains and banking security, including networking, database, and data warehouse.
- Coordinating with other departments to ensure all technology works appropriately for the company.

Technical Skills

- **P**rogramming Languages & database: Python,R, JavaScript, C, C++ and Java basic, QSL, Access, Oracle database
- IT skills: LINUX, Windows, Git, Bash, computer assembly and disassembly
- Languages: Kinyarwanda (Native), English (Fluent), French (Basic), Swahili (Basic)

Public Service & Volunteer Work

United Nations.   Jul 2019-June 2021

Volunteer

- helping mobilization to fundraise for the Cameroon Association of Active Youths (CAMMAY) through social media posting.

Google Translate Community.   Jul 2019-Apr 2020

Volunteer

- facilitate the translation of English to Kinyarwanda and vice versa.

RVCP (Rwanda Village Community Promoters)   May 2016-May 2019

Volunteer

- support agreed priorities, particularly in contributing ideas for HIV/AIDS, Water Sanitation, and Hygiene for All. awareness in Huye and Nyagatare District.

Key Achievements

- Scrum Master certification from Scrum Institute™
- Certificate of completion course of python for everybody held by the University of Michigan with Coursera
- Certificate in Artificial intelligence with deep learning prepared by FAST Foundation
- International computer driving license (ICDL) Certificate
- Certificate for completing Seeds for the Future Program 2019 held by Huawei in China
- Certificate in KOICA science competition 2013-2014, organized by Korea international corporation Agency (KOICA) and Rwanda Education Board (REB)
- YALI Certificate for completing a course about Human Rights

Interest and Hobbies

- Reading Science books
- Doing sports