

BORIS EMAKAM GARCIAL

BACKEND, DATA & SOFTWARE DEVELOPMENT

Regina, SK | 306-501-8017 | borisemakam@gmail.com

Targeted portfolio: datascientistandai.github.io/software.html

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PROFESSIONAL PROFILE

Python and Django developer with experience translating stakeholder requirements into backend workflows, data flows, API integrations, validation rules, authentication, logging, and exportable business documents. Built internal software during an MTN Cameroon internship and independently developed web, automation, support-workflow, and point-in-time data systems. Strong verification mindset: tests behavior, traces failures, documents decisions, and checks AI-assisted output before use.

TECHNICAL CAPABILITIES

Backend development: Python, Django, PHP, C/C++, Bash, application logic, authentication, activity tracking, logging, document generation

Web and APIs: REST/API integration, HTML, CSS, JavaScript, requirements-to-workflow translation, input/output validation

Data and storage: SQL, MySQL, DuckDB, pandas, schema checks, point-in-time snapshots, replay parity, data-quality gates

Engineering workflow: Git/GitHub, VS Code, Jupyter, PyCharm, UML, requirements analysis, debugging, iterative testing, technical documentation

Systems foundation: Linux, Windows, Apache2, VirtualBox, WSL, TCP/IP and networking fundamentals

PROFESSIONAL EXPERIENCE

Software Engineering Intern | MTN Cameroon

Jul 2025 - Sep 2025

Cameroon

- Built and refined a Django-based Design-Assist application that transformed business requirements into structured BRS/SRS documentation workflows.
- Integrated Azure Document Intelligence and prompt-assembly workflows; implemented validation, authentication, activity tracking, logging, and Word/PDF export.
- Translated stakeholder needs into backend views, data flows, templates, technical documentation, and UML artifacts.
- Debugged implementation issues by tracing inputs, processing steps, generated outputs, and export results through iterative testing.

Customer Service Representative | Canadian Tire

2024 - Present

Regina, SK

- Resolve approximately 14 customer questions per day and communicate clear next steps across in-person, phone, and email channels.
- Document recurring resolutions, support POS/peripheral troubleshooting, and escalate with useful context in a high-volume environment.
- Received a Customer Service Award for dependable performance and communication.

PROFESSIONAL EXPERIENCE (CONTINUED)

Junior IT Technician | Cyber Cafe

2022 - 2023

Douala, Cameroon

- Installed and updated software and hardware, prepared workstations, supported users, and verified connectivity and system readiness.

SELECTED TECHNICAL PROJECTS

Global Help Desk System | Workflow design | issue tracking | administration

- Designed ticket intake, categorization, assignment, status tracking, resolution notes, escalation, and administrator oversight as one traceable workflow.
- Applied software-engineering structure to a practical support problem so incidents and resolutions remain auditable.

Trading Data Plane | Python | DuckDB | point-in-time data engineering

- Designed concurrent ingestion for market, macro, news, sentiment, positioning, and event data into a DuckDB feature store.
- Protected training snapshots with coverage, point-in-time, schema, replay-parity, and resilience validation gates.

Archeo-IT Web & Infrastructure | PHP | MySQL | Linux | Apache | VirtualBox

- Built and hosted a dynamic web application in a virtualized LAMP environment; configured internal routing and firewall rules.
- Developed a Python secure-password generator and connected application work to deployment and infrastructure concerns.

EDUCATION

Bachelor of Science, Computer Science (Data Science) | University of Regina

2023 - Expected Jun 2027

Regina, SK

- Operating systems, software engineering, databases, networking, programming, data science, mathematics, and system analysis.

Bachelor of Technology, Computer Science | University of Douala

2021 - 2023

Douala, Cameroon

ADDITIONAL INFORMATION

Bilingual English/French | Valid driver's licence and personal vehicle | Available for onsite, hybrid, and remote technical roles