

About me

I'm an engineer, researcher and leader, with experience building and scaling software and AI models, across varied industries and infrastructures (cloud/local/mobile). I also have volunteer law-enforcement experience. I have crafted and executed go-to-market (GTM) strategies for products. I have co-written papers and patents.

Relevant Education

Certificate: AI Governance (2024)

BlueDot Impact: AI Safety Fundamentals (UK)

Courses on AI Governance, public policy advisory, and AI impact prediction and measurement

MBA (2023)

Quantic School of Business and Technology (USA)

Executive-level courses and case studies in strategy, finance, marketing, operations, and data-driven decision-making

MPhil. Computer Science (2015)

University of Yaoundé I (Cameroon) / University Mohammed V (Morocco)

Co-authored 2 papers, 2 patents; Secured \$25k in grants for decentralized election result compilation system

MEng. Computer Engineering (2013)

National Advanced School of Engineering - University of Yaounde I (Cameroon)

3.9 GPA on advanced ECE concepts, developed the award-winning pipoHub network supporting 3,000+ secure users; Launched a \$20k/year funding initiative for cross-disciplinary student clubs as Student Union Secretary-General

Relevant Paid Experience

Co-Founder/ AI Solutions Engineer

Flagship (tech/policy consultants)

15h/wk in Houston, US and remotely

May 2023 - Today

- Obtained and coordinated \$50k+ funding for NativeAI research project to digitize low-resource languages
- Designed the NLP pipeline (T2T and T2S) for collecting/generating data, training/testing/deploying models, and optimizing infrastructure costs/uptime
- Designed models and GTM strategy for LLM-based services, across on-prem and cloud for 50+ clients in EMEA, including a RAG-based "chat with the news" app
- Advised 3 govt's on AI policy / Spoke at EDEX defense conf.

Senior Engineer

Google (world-leading tech company)

Full-time in Seattle, US and remotely

January 2022 - March 2023

- Software design, coding, unit-testing and integration testing
- Hands-on engineer and product owner for 2 full-stack features, using Agile, and stakeholder management
- Led proto-to-relational migration initiatives, hot-swapping a 200 requests/sec throughput to GCP cloud through a multi-model approach, thus enhancing scalability
- Contributed to expanding NLP to low-resource languages

AI Scholar

Open AI (world-leading tech company)

Full-time in San Francisco, US

October 2020 - March 2021

- Software design, coding, unit-testing and integration testing
- Built scalable AI solutions, training and deploying models from scratch, on physical and cloud GPU clusters, optimizing performance for production environments
- Wrote papers on AI safety, bias and policy
- Collaborated on projects using Hugging Face and other third-party GenAI tools, focusing on model accuracy

Senior Engineer - Alexa
Amazon (*world-leading tech company*)
Full-time in Irvine, US
August 2018 - August 2020

- Software design, coding, unit-testing and integration testing
- Core contributor to high-impact NLP features such as "Alexa turn on/off subtitles," engaging external stakeholders (Hulu, Netflix)
- Completed Amazon's Machine Learning University, gaining extensive experience in ML deployment and NLU/NLP

Data/ML Engineer
Pit AI (*hedge fund*)
Full-time in San Jose, US
October 2017 - June 2018

- Software design, coding, unit-testing and integration testing
- Built/deployed models/scripts on Tensorflow/Colab and Matlab, for real-time processing of 3B+ signals/day to support growth into high-frequency trading solutions
- Built secure data architecture and back-testing framework, enhancing model reliability and investor confidence
- Aligning AI performance and costs with launch goals

Project Lead - ekiosque.cm
KIAMA (*web services*)
Full-time in Yaounde, CM and remotely
September 2016 - August 2017

- Software design, coding, unit-testing and integration testing
- Led the design, dev, and GTM for a digital newsstand platform now generating 40%+ of company profits
- Led product lifecycle from concept to launch, including 3P software license negotiations, scaling, and expansion
- Personally conducted relationships with media partners

Tech Lead
Giftedmom (*non-profit*)
Full-time in Yaounde, CM and remotely
Yaoundé, July 2013-September 2016

- **NB:** This was before the controversial pivot to "HealthLane"
- Software design, coding, unit-testing and integration testing
- Led outreach initiatives for maternal health, expanding app usage to thousands of mothers and expecting women
- Managed a \$2M+ budget to optimize impact and UX, improving in program efficacy and user satisfaction

Current Unpaid Engagements

- **Sheriff Deputy - Volunteer**
Harris County Sheriff's Office, 2026
- **Masters' thesis co-Advisor**
University of Yaounde I, Cameroon, 2024

Past Volunteering

- **Board Member - Open Science and Innovation**
UN Major Group for Children & Youth, 2021-2022
- **Youth Entrepreneurship Mentor**
Tony Elumelu Foundation, 2021-2023

Relevant Awards and Recognitions

- **Heidelberg Fellow**
Heidelberg Laureate Forum, Germany, 2018
(Among the the 200 best young researchers)
- **African Start-up Award**
New York Forum Institute & France 24, 2015
(For improving infant childcare at GiftedMom)
- **Graduate research scholarships**
ERMIT Scholarship (Erasmus, 2016)
CETIC Scholarship (World Bank, 2015)
AlumNode Fund (Klaus Tschira Stiftung, 2024)

Skills summary

- **Work Languages**
English (native), French (native), Open to learn
- **People skills**
B2B, Communication, Mentoring, Hosting/steering
- **Development and Testing**
Python, Java, TypeScript, Dart, JavaScript, C++, C, PHP, JUnit, Cucumber, Selenium
- **Cloud & Data**
AWS, Azure, GCP, Heroku-like, Data lakes/ETL, streams, SQL, NoSQ (Redis/ValKey, Mongo, Neo4j)
- **Project Management**
Agile, Scrum, Jira, Product Roadmapping
- **Go-To-Market**
Defining Reqmts, Leading Train-Tune-Deploy-Asses
- **3P Model Integration**
Hugging Face, Anthropic models, Gemini, ChatGPT
- **Tools and Frameworks**
PyTorch, TensorFlow, Redis, Docker, HuggingFace, Docker, Windows Server, Linux, NginX/Apache, Node, Git, SW Architecture, ISO27001 Security, LaTeX, MSOffice/VBS, G Suite, Matlab, Quickbooks