

KOUAWOU ALEX-RUSSEL

Software Engineer

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LinkedIn — GitHub

Academic Background

- **Full Stack Developer**, *Coding Academy European Institute of Technology, Benin* (June 2024 - July 2025)
- **Certification in Data Science Lab**, *WorldQuant University, Online Certification* (March 2024 - September 2024)
- **Certification in Data Science**, *Africa Tech up Tour, Online and Bootcamp* (March 2024 - November 2024)
- **Bachelor in Software Engineering**, *University of Buea, Cameroon* (November 2019 - December 2023)
- **Computer Science**, *University of Yaoundé 1, Cameroon* (September 2017 - October 2019)

Work Experience

- **Full-stack Developer**, *Honadi, Benin* (December 2024 - present)
 - Worked on a real estate and construction platform, utilizing WordPress, React, and Node.js.
 - Contributed to the redesign and SEO optimization of the website.
- **Software Engineer**, *Wiru, Benin* (October 2024 - present)
 - Developed an AI model for image recognition.
 - Implemented a web application to facilitate the use of the model for recognizing users from images and associating their data with government services based on their image.
- **Project Lead**, *Coding Academy Epitech, Benin* (August 2024)
 - Led a team in the development of scalable software solutions.
 - Focused on problem-solving and building software during a five-month training program.
- **Full-stack Developer Intern**, *FAPSHI, Benin* (August 2022 - February 2023)
 - Contributed to the development of a support ticket management system.
 - Implemented new features for user complaint management and integration with the main website.

Mathematical Skills

- Analysis and Algebra
- Probability and Statistics
- Mathematical Modeling
- Scientific Programming (Python, MATLAB, R)

Software Skills

- Mobile Application Development
- Web Application Development
- Machine Learning
- Scientific Programming (Python, Javascript, Php)
- Frameworks: React Native, Flutter, React JS, Vue JS, Django, Node JS

Research Experience

- **Data Analysis and Machine Learning**, *WorldQuant University, Online Certification* (2024)
 - Studied statistical models applied to data science.
 - Implemented predictive models for financial analysis.

Conferences

- **Benin Workshop on Artificial Intelligence**, *Plagiarism in the Academic World in the Age of AI: Impacts and Approaches to Solutions*, 2024.
- **Benin Workshop on Artificial Intelligence**, *Generative AI: Solution Vector or Problem Generator*, 2024.
- **Innovate and Entrepreneur in Mathematical Sciences, Computer Science, and Applications**, *Institute of Mathematics and Physical Sciences (IMSP) of the University of Abomey-Calavi (UAC)*, March 2024.

Academic Projects

- **Optimization and Graph Theory** (2022)
 - Solved optimization problems using mathematical algorithms.

Languages

- English (Fluent)
- French (Fluent)

Interests

- Research in Applied Mathematics
- Scientific Programming and Algorithmic Development
- Strategy and Logic Games
- Software Development and Data Science
- Fintech