MBISHU FABRICE YENVEN

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EDUCATION

University of Buea
Bachelor of Engineering in Computer Engineering (Software)
October 2021 - Present
GPA: 3.07/4.00
Relevant Coursework: Computer Architecture, Boolean Algebra and Logic Circuits, Circuit Analysis, Probability and Statistics, Linear Algebra, Object-Oriented Programming (Java), Physics For Engineering, Analysis, Digital Electronics, Analog Electronics, C/C++ Programming, Control Engineering Instrumentation, Operating System, Analysis and Design of Information Systems, Object-Oriented Modeling and UML, Software Development Tools (AGL L5G), Algorithms and Data Structures, Microcontrollers and Microprocessors, Client-Server and web application development, Security and Cryptosystems, Tools and Numerical Methods, Database and Design, Switching and Routing Protocols, Mobile Communications and Protocols, Local area networks

EXPERIENCE

Tutor
Excel Academy, Douala, Cameroon
July 2022 - Present
Tutoring aspirant engineering and Medicine students in Mathematics and Physics. Preparing them for entrance examinations into prominent engineering and medical schools in Cameroon and giving career orientation.

PROJECTS

Resilix
- Using Pytorch to develop Distra model for Resilix application.
- Used Django to develop REST API for Resilix application and Flask for Distra API.
- deployed resilix-api and distra-api to pythonanywhere.com
- Worked on bringing up the business model for Resilix

Technologies: Python, React Native, Django, Pytorch, Git/Github, Figma, React-js, Flask.

16-bit Microprocessor
- Designed Arithmetic Logic Unit
- Designed a 16-bit microprocessor with Proteus

Technologies: Proteus.

Medical Electronic Health Record
- Lead the project and documented the project
- Designed the architecture of the software and did code review through every step of the project

Technologies: Java, Git, UML, Agile SCRUM, MySQL.

Selfbyt
- Used Django to build backend for Selfybyt e-learning platform.
- Designed User interface for Selfbyt app
- Analyzed and document Cortex model for Selfbyt.
- Deployed Selfbyt backend API to AWS.

Technologies: Python, Figma, Git, Django, AWS, PostgreSQL

Trol
- Used Django to build backend for Trol.
- Designed User interface for Trol app with Figma
- Built Frontend for Trol app with React-Native.

Technologies: Python, Figma, Git, Django, React-Native, PostgreSQL.

E-library
- Developed Library for database connector

Technologies: Java, Git/Github, MySQL, PostgreSQL.

SKILLS

Programming Languages: Python, C++, Java, C, Assembly, Elixir, HTML/CSS
Libraries/Frameworks: Django, Flask, Reactjs, React-Native, Pytorch, Pandas, Numpy, Matplotlib
Tools: Figma, Star UML, PostgreSQL, MySQL, LaTeX, AWS, Git/Github.
Soft Skills: Communication, Teamwork, Problem-solving, Project Management.
Languages: English, French

PUBLICATIONS

Design Zen: The Art of Mastering Product Design and Finding Inner Peace