Oubaye El Ghammat Ghori

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CAREER OBJECTIVES

As a Computer Science graduate from a top 10 UK university, I am passionate about leveraging technology to solve complex challenges and improve lives. My expertise in programming languages, including Java, C, and Python so far has driven my involvement in both collaborative team projects and individual initiatives. Currently, my research focuses on enhancing blockchain consensus protocols through sharding, demonstrating my commitment to advancing the field of computer science.

Skills :

C	**(3 years)**	Python / Django	**(2 years)**	React.js	**(1 year)**
Java	**(3 years)**	Html/Css	**(3 years)**	PHP	**(1 year)**
JavaScript/ Node.js	**(2 years)**	Mysql/Sqlite	**(3 years)**	Next.js	**(2 years)**

EXPERIENCE & PROJECTS

Internship at JORDI HANS DESIGN (Sweden)
2023 - Ongoing

- Building a social media app using React.js, Firebase, expo framework and REST APIs.
- Fixing and developing websites for clients.
- Presenting the progress of the ongoing app to the team.

Next Generation of Blockchain Consensus Protocols Research (Individual Project)

- Extended a Java blockchain simulator to support sharding.
- Achieved reduction in costly cross-shard transactions and balanced load across shards.

Pixel Paint Editor (Group Project)

- Built a pixel paint editor from scratch using Java, without external libraries.

Lunar Lander Game

- Created the famous Lunar Lander game in C using the n-curses library.

Java Banking GUI Application

- Developed a simple banking GUI application in Java. (on going to make it a distributed system using java RMI)

EDUCATION & QUALIFICATIONS

Lancaster University - Bachelor's degree Computer Science (On going for First Class)   2024

Ibn tofail high school - English Baccalaureate in Physics and Maths   2019

ADDITIONAL INFORMATION

Languages : English French, Spanish, Arabic