

# JEMIMAH JACOBS

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Motivated computer science specialist. Seeking to use proven skills in leadership, debugging, and coding to meet business needs. I have been driven by my curiosity to find answers and solutions to the most pressing situations. Looking to enhance my career and gain valuable work experience in a fast-paced and challenging environment that will encourage professional growth and development. I am open to any opportunity that would help me achieve this goal.

## EXPERIENCE

### JUNIOR WEB DEVELOPER AND TESTER

#### WIREBOX

JUNE 2022-present

- Reviewing designs created by graphic artists to ensure that they are compatible with the website's layout or design scheme.
- Creating wireframes, mock-ups, or prototypes to visualize site layouts before building them using code.
- Monitoring website traffic to identify opportunities for improving usability.
- Testing code to ensure that it functions properly in different browsers and platforms.
- Communicating with clients about design choices and technical details throughout the development process.

### COMPUTER SCIENCE PROJECTS

JANUARY 2021- MAY 2022

- Productive Tech case study and data model.  
The client 'Productive Tech 4 Work' is a working group of social entrepreneurs united to promote and track the use of technology for workspace productivity such as devices that use Artificial intelligence (AI). I worked as part of a team via the case study simulation of software development. As part of a team, we made sure the application is user-friendly, gave good documentation and reflection of the project.  
Key achievement
- I gained knowledge and understanding of appropriate tools and techniques for application building.
- I now have an in-depth appreciation of the issues involved in working as part of a team.
- I was able to undertake complex software development tasks and selected methodologies using advanced decision-making.
- I was able to work effectively as part of a team and be able to adapt accordingly.

### EXTERNAL EXAMINER

#### WEST AFRICAN EXAMINATION COUNCIL

JUNE 2020

Senior secondary school examination exercise.

- Attend appropriate standardization meetings
- Mark to national standards in line with general marking instructions.
- Completing marking duties in accordance with specified procedures and timescales.
- Submitting a detailed marker report in accordance with specified procedures and timescales.

## **COMPLAINT DEPARTMENT (NECO) NATIONAL EXAMINATION COUNCIL**

DECEMBER 2018 – NOVEMBER 2019

- Investigate complaints including reviewing and assessing documents, telephone contact with complainants and advocates.
- Being responsible for a caseload of complaints, from initial contact to liaising with advising officers and senior managers who are responsible for providing investigation reports and complaints responses. This involves supporting staff and reviewing responses to ensure they cover all aspects of the original complaint and comply with the Council's complaints procedure and statutory requirements.
- Responsible for keeping up to date with changes to procedures and processes on a regular basis.
- Creating and coordinating proper reporting channels for compliance issues.

## **EDUCATION**

### **MSC COMPUTER SCIENCE**

UNIVERSITY OF HERTFORDSHIRE

**JANUARY 2021 – PRESENT**

Core modules:

- Software development exercise

Gained experience working as part of a team via a case study simulation of software development. I was able to select and justify the use of software methodologies, tools, and techniques.

- Multi-User Database Systems

Gained experience in using a shared multi-user system. Understood the principles, techniques, and theories of databases with references to relational databases. Understanding the design, implementation, and management of multi-user relational databases. Having an awareness of where new types of databases are emerging.

- Computer Architectures

Articulated and developed critical responses to the purpose of the range of components of modern computers, analyzed their architectural features, and described how they interacted to form a functioning whole. Applied an understanding of the principles and theories of processor and memory architecture to improve higher-level program design and efficiency.

- Operating Systems and Networks

Developed a deep understanding of the architecture, organization, and operation of operating systems and computer networks. Gained a deep knowledge and understanding of different security threats to networks and how they might be encountered.

- Programming and program design

This module helped me to understand and apply the concepts underlying procedural programming. Develop a deep and systematic understanding of the object-oriented

paradigm and some of its characteristics. Acquire experience in using a range of advanced features of an object-oriented language. Develop practical ability in deploying software with the API of a modern object-oriented language.

- Legal and ethical practice exercise

This module helped to be able to work in a team to articulate the evaluation and application of management techniques to address the social, ethical, and legal problems and commercial risks together with the opportunities inherent in the use of computing technologies and the deployment of a computer-based system. Be able to produce outputs and documentation of those outputs to demonstrate compliance with legal, ethical, and professional standards. Be able to summarize high-profile cases where the meaning of social, legal, and ethical issues has been elaborated on in detail.

## **BSC MATHEMATICS,**

UNIVERSITY OF ILORIN

SEPTEMBER 2014 – OCTOBER 2018

Core modules:

- Calculus
- Algebra
- Real Analysis
- Functional Analysis
- Introduction to computer science
- Introduction to probability and statistics
- Introduction to applied mathematics
- Mathematical skills: Reasoning and communication
- Linear Optimization
- Mathematical package (Latex, MATLAB)

## **SKILLS**

- Critical thinking
- Teamwork
- Analytical thinking
- Excellent interpersonal skills
- Adaptability
- Language: Java, CSS, HTML, JavaScript, MySQL, PHP.
- Applications: Microsoft Office: Word, PowerPoint, Outlook, Excel.
- Methodologies: Agile, Waterfall, Scrum
- Web development
- Time Management

## **HOBBIES**

- Meeting people
- Making research
- Web designing
- Crocheting

## **REFERENCES AVAILABLE ON REQUEST**