

# Odima Allen-Horsfall

COMPUTER SCIENCE · WEB DEVELOPER

☎ (+234) 8159319442 | ✉ odima.horsfall@gmail.com | 🔗 www.linkedin.com/in/odima-allen-horsfall-914171131

## Summary

Creative and people-oriented Computer Scientist with extensive project management experience. Advanced knowledge of web development frameworks and programming languages relevant to the web.

## Education

### Bangor University

BSC. IN COMPUTER SCIENCE, GRADE 2.1

*Bangor, Wales, United Kingdom*

*2013 - 2018*

### Liverpool International college

FOUNDATION CERTIFICATE IN SCIENCE AND ENGINEERING, GRADE: PASS

*Liverpool, United Kingdom*

*2013*

## Experience

### Freelance

WEB DEVELOPER

*Port Harcourt, Nigeria*

*Aug 2018 - Present*

- Collaborated with clients to generate web content to meet their needs
- Validated site by testing JavaScript, CSS, and HTML codes to ensuring cross-platform compatibility
- Communicated effectively with my team to deliver professional websites to the customer
- Helped design and develop responsive websites and e-commerce sites for clients

### HNG Internship

FRONT END DEVELOPER AND UI DESIGNER

*Remote*

*August 2019 - September 2019*

- Conduct research and deconstruct digital interactions and habits.
- Create and maintain digital assets, such as interface design files, wireframes, and interactive mockups using design and prototyping tools such as figma.
- Come up with UI and UX strategies based on specific target goals.
- Designed, built, and maintained highly reusable JavaScript, HTML and CSS code.

## Projects

### 2nd Year Project: Mobile app development

SOFTWARE DEVELOPER

- Designed prototype applications, provided the unit structure and helped the application development team
- Created, maintained and implemented the source code to develop the mobile app

### Final year project: Dissertation

INTERNET OF THINGS AND THE ROLE USERS HAVE IN THE EMERGING PRIVACY AND SECURITY CONCERNS IN SMART DEVICES

- This project took place over the entirety of my final year. Questionnaires were created and analysed to create an analytical and well structured report. A (nearly) fully functioning Amazon Echo that responds to voice commands was built using a raspberry pi to test security in home automation. This project required excellent planning and organisational skills, and the ability to teach myself an entirely new and complex subject. The project was a success yielding good results that helped create a coherent and balanced report.

## Technical and Personal skills

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- Proficient in HTML, CSS, Java, PHP, Python and JavaScript.
- Frameworks: Bootstrap, Vue.js.
- Business Skills: Good presentation skills, Works well in a team, can analyse various sources of information and communicate findings in a structured, coherent and persuasive manner using Microsoft Word or LaTeX.
- Time management and Organization: Regularly exercise conscious control over the amount of time spent on projects/coursework; often applying methods such as goal setting and prioritizing workload in accordance with what is 'achievable' and 'realistic' against other commitments/the time frame available to meet strict assignment deadlines.
- Research: Regularly visit programming communities like StackOverflow and Reddit's LearnProgramming forum to gain further knowledge and to pick the brains of fellow programmers.
- Creativity: Always willing to take a step back and start looking for creative ways to solve issues.
- Problem solving: Big-picture problem solving and an eye for the details of how things work.
- Communication: Able to communicate effectively, both orally and in writing,

## Modules

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Major modules that shaped my academic years:

- Graphics and Web Design
- AI for Games
- Computer Graphics Algorithms
- Advanced Java Programming
- Software Hut
- Computer Networks
- Data Structures and Algorithms
- Databases - Design and Implement
- Computer Vision
- Business Process Reengineering

## Extracurricular Activity

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### Internationals Go Green Program

VOLUNTEER

*Bangor, Wales*

*Nov 2017 - May 2018*

- Participated in a series of trips and events aimed at raising awareness on environmental issues
- Helped enhance the student experience and worked as a bridge between International students and the local community

### Afro Caribbean society

MEMBER

*Bangor, Wales*

*Sep 2017 - May 2018*

- Helped new students settle in and gave current students the support needed while studying hard for their degree
- Helped provide a better understanding of African Caribbean heritage through educational, social, cultural and charitable events.
- Organized events and activities throughout the year that all students can engage in

## References

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References available on request