

# David Oluwafemi

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[github.com/jay-davisphem](https://github.com/jay-davisphem) [davisphem.me](https://davisphem.me)

## Technologies and Languages

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- JavaScript/NodeJS, TypeScript, Python, C, C++
- Git, React, Django, Django rest framework, Redis, Celery, PostgreSQL, Docker, Unix, Firebase, GraphQL

## EDUCATION

### OBAFEMI AWOLOWO UNIVERSITY

Bachelor of Science in Computer Engineering, 2018 - current

GPA: 4.59/5

- Offered 30 units of Computer Science and Engineering courses including Introduction to Data Structures and Algorithms, Introduction to Digital Computer System, Numerical Computation, Object Oriented Programming, Agent-Based Systems, Low-Level Languages, Introduction to Computer Engineering, etc in addition to class project and SWEP projects.
- Offered 38 units of Foundational Science courses like Vector Analysis, and Mathematical Methods(I, II, III)

## EXPERIENCE

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### Software Engineer Intern | Opendgenus Foundation, Tokyo, Japan:

Aug 2022 - Oct 2022

- Worked varieties of projects including downloading and uploading to google drive, Handling Thundering Herd problems while applying Design Patterns and proper Architecture, Documentation, and Software best practices.
- Wrote and published upto 5 articles on the opengenus article website related to each of my projects including Singleton Patterns in Python, etc.
- Improved my interpersonal, and collaborative skills.
- Worked on more projects and articles that improved and sharpened my Software development skills.

### Software Engineer Intern | Zuri Inc, Lagos, Nigeria:

May 2022 – Aug 2022

- I Coordinated about 10 other technical interns towards the development of a Favicon Generator web app.
- Managed 2 projects on github, fixing and resolving conflicts in code
- Developed the database schema of the Favicon Generator web app
- Prototyped a solution for migrating data to the cloud, including automating the creation and storage of the Postgresql database.

### Backend Engineer Intern | Zuri Inc, Lagos, Nigeria:

Aug 2021 – Nov 2021

- Worked with about 20 other interns and a senior to develop Zuri chat - An advanced version of slack

## PROJECTS

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### Conficon - Favicon Generator / Web App(Django, PostgreSQL, HTML, CSS, JavaScript) [conficon](#)

- Used Django to develop a web application that generate Favicon for developers to use in their work
- Worked with Heroku / DigitalOcean server to host Conficon
- Unit test coverage of over 70% (unittest testing library)
- Handed off well-documented and easily modifiable code to the client

### Express News Web app(Django, Django rest framework, Redis, PostgreSQL, HTML, CSS, Celery) [expressnews-v2](#)

- Fetched all recent, latest news from Hackerank and stored all the news items in PostgreSQL
- Scheduled task to run every 5 minutes for the latest news on hackerank
- Built both API and web for the task
- Deployed the web app to Heroku, with all configurations and testing passed

### News feeder web applications (React, React router, state design, Tailwindcss) [newsfeeder](#)

- Developed a dynamic webpage to view and modify data using the ReactJS
- Wrote code to parse highly nested JSON data to take over 50, 000

More and Tangible projects on [Github](#)

## Certificates and Licenses

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- [Divide and Conquer, Sorting and Searching, and Randomized Algorithms](#) - Stanford University
- [Developing Cloud Apps with Node.js and React](#) [PYTHON foundational](#) [Introduction to Cloud Computing](#) - IBM
- [Jobberman Accelerated Soft Skills Training](#) - Jobberman