

EDUCATION

- **ALX Software Engineering Programme** Aug 2022 – present
 - **Core Curriculum:** Data Structures and Algorithms, C-Low level programming, UNIX programming, Object Oriented programming Python, Reverse engineering and security.
- **Obafemi Awolowo University, Ile-ife** March 2016 – Feb 2020
 - **B.Sc. (Hons.) Chemistry**

PERSONAL PROJECTS

Mini Python Image-viewing Desktop App

- Developed a python application with Tkinter library that allows users easily create graphical user interfaces with integration of the Python Imaging Library (PIL) for seamless image processing and accessibility.
- Designed the application for easy use by high school students to gain exposure to use cases of python in order to enhance education in science and technology in rural communities.
- Structured the script for readability and for easy maintenance and improvement.

Tools: Python (Tkinter, PIL), Git

Note-taking Python Web App (<https://github.com/Taiwopeter-babs/pter-flask-app>)

- Developed a web application using Flask to authenticate new users, allow existing users login and create notes, and logout from the application.
- Enabled server access by utilizing werkzeug library which provides web server gateway interface.
- Utilized SQLALCHEMY and flask_migrations for database creation, access, update, and manipulation.
- Implemented dynamic template rendering in HTML files by utilizing Jinja to enable easy-to-maintain HTML pages, and implemented CSS Bootstrap to enable responsive web view.

Tools: Python, Flask, Jinja, HTML, CSS, Git

Skills

- **Programming Languages:** Python, HTML, CSS3
- **Frameworks/Libraries/Templating tool:** Flask, Jinja, Bootstrap, Tkinter, PIL
- **Other Tools:** Git, GitHub

