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# OPE DAMILOLA DANIEL

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## EMPLOYMENT/ PROJECTS

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<b>Software Developer, Intern</b>	<b>Blue Ice and Partners</b>	<b>August 2023</b>
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### Encryptor

- Developed a Python-based data encryption software using the Caesar Cipher, showcasing strong proficiency in functions, data structures, and conditional statements.
- Achieved successful project completion as the sole developer, demonstrating problem-solving abilities and attention to performance optimization.
- Enhanced proficiency in Python, algorithmic logic, and user interface design, with a focus on data security and user convenience.

### X-word

- Designed an advanced password randomization algorithm using sophisticated data structures to assist users in creating highly secure and unpredictable passwords.
- Implemented a user-friendly tool for generating strong passwords, showcasing skills in algorithm design and user interface development.
- Improved data security and password integrity, contributing to enhanced cybersecurity practices.

<b>Asst. Consultant, Intern</b>	<b>Cri-Consultancy</b>	<b>July 2023</b>
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- Provided comprehensive software concepts tutoring to students, enhancing their understanding of fundamental programming principles.

## EDUCATION/CERTIFICATIONS

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<b>Ogun state, Nigeria</b>	<b>Covenant University</b>	<b>January 2021– Present</b>
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- B.Eng. in information and communication Engineering (in view),
- Undergraduate Coursework: Software Development Techniques; Cyberprenuership; Applied Computer Programming;

<b>Cambridge, Massachusetts, United States</b>	<b>Harvard University</b>	<b>May 2024 – Present</b>
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- Harvard X: CS50's Introduction to Artificial Intelligence with Python (in view)

<b>Shenzhen, China.</b>	<b>Huawei Technologies</b>	<b>May 2024 - Present</b>
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- Artificial Intelligence Technology and Application certification (in view)

## TECHNICAL EXPERIENCE

### Projects

- **YouTube Clone (2024):** Developed the YouTube Front-End Experience showing extensive knowledge in HTML and CSS
- **Blog Post (2023).** Designed and implemented a dynamic blog post website using Django framework, leveraging its Model-View-Template architecture to manage data models, views, and templates, showcasing proficiency in web development and MVC design pattern.
- **Calculator (2023).** Developed a Python-based calculator using functions for arithmetic operations as well as data structures for managing operators, demonstrating proficiency in software development and data structure utilization.

### ADDITIONAL EXPERIENCE AND AWARDS

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**Public Speaking (2023):** Certification of Expertise in public speaking, Keynote Speaking (in view)

### Languages and Technologies

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Python; Django; HTML; CSS; JavaScript; C; Visual Studio; PyCharm; Thonny; Git

