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# Chukwuemeka Ejimkaraonye

**A Researcher & Software Engineer**

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|  | **Educational Qualifications** | | | 2022\23 | **Software Engineering**  ALX Africa |
|  |  | | | 7/2021 | **MSc in Political Science (International Relations and Diplomacy)**  University of Nigeria, Nsukka |
|  |  | | | 3/2019 | **Diploma in Political Science**  University of Nigeria, Nsukka |
|  |  | | | 7/2015 | **Bachelor of Arts, English & Literary Studies**  University of Nigeria, Nsukka |
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|  | **Special Qualifications** | | | 2021 | **Next.js & React.js**  Udemy |
|  |  | | | 2020 | **React.js & Firebase**  Udemy |
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|  | **Experience** | | | 2022/23 | **Software Engineering**  Worked on web applications: [liblearn](https://liblearn-org.web.app), biri, & e-keeps—all of which implement some level of automation, enable growth in Edutech, and encourage quality lifestyle. |
|  |  | | | 2018  -  2022 | **Academic Research and Reportage**  Collaborated in the research and publication of several academic [research papers](https://scholar.google.com/citations?hl=en&user=b6OGHAgAAAAJ) on a range of issues including COVID-19, displacement, and Nigerian population dynamics.  **UI Design and Software Development**  Worked on the design and development of [liblearn](https://liblearn-org.web.app) using tools and frameworks like Adobe Illustrator & XD, React & Firebase   * Designed and prototyped the UI with Adobe XD * Created UI assets, logo and icons, for the app with Adobe Illustrator * Wrote reusable React functional components that handle different logics * Integrated Firebase Authentication for user authentication, Firestore for real-time database, and Storage for storing user profile pictures * Wrote logic to handle different types of users and restrict access to unauthorized routes * Managed state with React Context |
|  |  | | | 2019 | **Database Management, Business Intelligence and Data Science**  Personal projects and training working on 2019 data from stack overflow |
|  |  | | | 3/2016  -  4/2017 | **English Language Teacher**  Government Technical College, Umueri. Anambra   * Reviewed and adjusted the English Studies curricula for JSS 1, 2 & 3 to reflect current standard pedagogical practices * Taught English Studies and communication skills to the three classes * Supervised and participated in teaching computer appreciation and application * Developed instructional guide that enhanced knowledge transfer and reduced mental strain |
|  |  | | | 2015 | **Software/Web Development Intern**  Web development with HTML5 and CSS3; and object-oriented programming with Python |
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|  | **Special Skills** | | | Business Communication | Competent in report writing, Essays, Minutes, Speeches, Memoranda, Letters, Public Announcement and Press Release |
|  |  | | | Technical  Research | * Proficient with a wide range of application software, including Microsoft Word and PowerPoint * Knowledge of Jamstack, React.js and Next.js for web development; Illustrator, XD, and Figma for graphic, UI & UX experience design; and Python for data science * Intermediate knowledge of Data Science, Business Intelligence and Database Management using libraries and applications such as NumPy, Pandas, matplotlib, tableau, Microsoft Excel, and MySQL Workbench     Proficient in academic research and reportage in wide range of issues such as migration and displacement, conflict studies, politics of nations, and public health |

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|  | **References** | Available upon request. Visit [liblearn](https://liblearn-org.web.app) and my [featured projects](https://ejimkaraonyec.com/projects) |