

**EBUKA UMEOKONKWO**  
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## WORK EXPERIENCE

- Technical Support Engineer** at Microverse Inc. 2019 – present
- Provide code mentorship for junior developers.
  - Provide technical assistance to students by performing code reviews on projects.
  - Participate in weekly review meetings, feature release meetings.
- GIS Software Engineer** at Enugu Electricity Distribution Company 2017– 2019
- Automated data processing workflows through the use of scripts
  - Implemented an advanced geocoding reverse model for conversion of geographic coordinates into area codes using python.
  - Integrate geospatial APIs in extraction, transformation, and loading of spatial data to on-cloud and on-premise databases.
  - Improved existing codebase and processes in the QA pipeline.
  - Worked with Python, Pandas, PostgreSQL, Git, FME.
- Systems Engineer** at MP Infrastructure Nigeria LTD 2016 – 2017
- Monitored alarms and security systems installed on telecommunication BST.
  - Remotely fixed minor faults on the monitored systems.
  - Developed scripts (using python) needed to interact with vendor's APIs.
  - Developed scripts for planning diesel allocation for on-site backup generators.
  - Provided real-time support to field engineers.

## EDUCATION

- Remote Software Engineering** at Microverse Incorporated, San Francisco, California. 2019 – 2019
- Studied to become a remote full-stack engineer through pair programming.
  - Studied with different developers in training from around the world in each of these courses: *HTML/CSS, Ruby, Rails, SQL, JavaScript, React/Redux*.
  - Completed Solo and Collaborative projects
  - Contribute to open source projects
  - Write and publish technical articles on Medium, FCC and Hackernoon
  - Underwent training in relevant soft skills
  - Commit to 40 hours weekly, on coding challenge sessions (Leetcode, Replit, Hackerrank), stand-up meetings, and collaborative/solo pair coding.
- Bachelor of Electronic and Computer Engineering** at Nnamdi Azikiwe University, Awka. 2008 - 2013
- Grade: 4.12
  - Designed and implemented a DTMF based remote control system with Interactive Voice Response (final year project).

## SELF STUDIES

- |   |                |      |
|---|----------------|------|
| • Fundamentals: Introduction to Computer Science.       | (Udacity)      | 2016 |
| • Python programming for data analysis.                 | (Udacity)      | 2016 |
| • Introduction to machine learning.                     | (Udacity)      | 2017 |
| • HTML, CSS and Basic JavaScript.                       | (Codecademy)   | 2018 |
| • Object Oriented JavaScript.                           | (Codewithmosh) | 2018 |
| • Full-Stack Course: Node.js, Express.js, NoSQL, React. | (Codewithmosh) | 2019 |

## PROJECTS

- 1. Social Media App:**
  - Technologies: Ruby, Rails, HTML, CSS, Bootstrap, PostgreSQL
  - Repo: <https://github.com/ebukaume/the-facebook>
- 2. Bookstore CMS (Frontend):**
  - Technologies: React, Redux, SCSS, NPM
  - Repo: <https://github.com/ebukaume/bookstore-redux>
- 3. Bookstore CMS (Backend):**
  - Technologies: Ruby on Rails, PostgreSQL
  - Repo: <https://github.com/ebukaume/bookstore-api>
- 4. Todo List App:**
  - Technologies: HTML, SCSS, JavaScript, NPM, Webpack
  - Repo: <https://github.com/ebukaume/todo-list>

## OPEN SOURCE CONTRIBUTIONS

- 1. The Odin Project:**
  - Type: Resource
  - Link: <https://github.com/TheOdinProject/curriculum/pull/11529>
- 2. Microverse Inc:**
  - Type: Code
  - Link: <https://github.com/microverseinc/linters-config/pull/17>
- 3. Microverse Inc:**
  - Type: Code
  - Link: <https://github.com/microverseinc/linters-config/pull/19>

## SOCIAL

- GitHub: <https://github.com/ebukaume>
- Twitter: <https://twitter.com/ebukaume>
- LinkedIn: <https://linkedin.com/in/ebukaume>