Tochukwu Nnamdi Awujo (Tochi)

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EDUCATION

California State University, Northridge   **Expected Grad**: May 2026
Bachelor of Science in Computer Science   *Northridge, CA*
- **Relevant Coursework:** Data Structures and Algorithms, Software Engineering, Object Oriented Programming, Computer Architecture and Hardware, Probability & Statistics

EXPERIENCE

OptOut News (Startup)   June 2024 - Sep 2024
Software Engineering Intern   *Brooklyn, NY (Remote)*
- Developed a full-stack web application to monitor and analyze data from over 5000 security incidents, enhancing threat detection accuracy by 30%
- Collaborated with cross-functional teams and stakeholders to align objectives, resulting in a streamlined development process
- Successfully laid the groundwork for the project, with a completion rate of 80% and positive initial feedback from stakeholders

EthnosCyber   May 2023 - August 2023
Cybersecurity Intern   *Lagos, Nigeria*
- Developed and refined SIEM (Security Information and Event Management) rules to detect anomalous in network activity, enhancing Ethos Cyber's threat detection capabilities.
- Conducted internal penetration testing on company infrastructure, documenting vulnerabilities and presenting strategies to senior security engineers.
- Collaborated with cross-functional teams to gather requirements and align future releases with business goals

Nadonah Medical Supply   Aug 2022 - May 2023
Website Associate   *Landcaster, CA (Remote)*
- Maintained and updated the medical website content to ensure accuracy, accessibility, and a user-friendly experience.
- Collaborated with departments to upload announcements, events, and important information efficiently.
- Monitored website performance and troubleshoot issues to keep the site running smoothly.

PROJECTS

Smart Pantry | *React, Firebase, OpenAi API*
- Built a secure user-friendly, home inventory app to track items in areas like pantries, fridge and appliances, reducing interaction complexity.
- Utilized OpenAi API to generate recipe suggestions, reducing food waste by 40% by optimizing resources in inventory use

Desktop Cleaner | *Python*
- Created an automated desktop cleaner with Python, featuring sorting algorithms that reduces file organization time by 40%.
- Designed a daily scan to identify and categorize files older than 30 days, reducing unnecessary storage by 90%.

SalesPulse: End-to-End E-Commerce Funnel Insights | *PowerBI, Dax, SQL, Excel*
- Sourced and cleaned 50K+ transactional records from Kaggle's Online Retail II dataset, enhancing it with simulated funnel stages (product views, cart adds, checkouts) using Excel and SQL
- Designed a relational data model and built a SQL-based ETL pipeline to define customer journeys, segment users, and calculate drop-off and conversion rates
- Created a Power BI dashboard featuring KPIs, funnel visualizations, product rankings, and region-based insights for business decision-making
- Leveraged DAX to calculate AOV, CLV, churn indicators, and month-over-month revenue trends, delivering actionable insights

LEADERSHIP & CAMPUS INVOLVEMENT

Kappa Alpha Psi (President) **NSBE CSUN Chapter** (Treasurer) **SSE CSUN Chapter** (Member) **BSU** (Member) **CodePath** (Alumni)

TECHNICAL SKILLS

Languages: C++, Java, JavaScript, Python, Php, HTML, CSS
Technologies: Power BI, DAX, Excel, React, Node.js, Spring Boot, Spark, Microsoft Word, Microsoft PowerPoint, TensorFlow, PyTorch, Bootstrap, Axios, Wireshark, Nmap, MySQL, Google Cloud, AWS, Ansible, Jira
Concepts: Compiler, Operating System, Virtual Memory, CI/CD, API, Full-stack Agile Methodology, Information Security, Risk Assessment and Management, Vulnerability Management, Penetration Testing, Threat Intelligence, Cloud Computing, Mobile Development, Software Development