Chinedu Roland Egbujor

747-206-6044   chineduegbujor45@gmail.com   linkedin.com/ChineduEgbujor   github.com/ChineduEgbujor

EDUCATION

California State University, Northridge   **Expected Grad**: Dec 2025
*Bachelor of Science in Computer Science, **GPA**: 3.92/4.0*   *Northridge, CA*
- **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Computer Architecture

TECHNICAL SKILLS

Languages: C++, Java, JavaScript, Python, Php, HTML, CSS
Technologies: Git, React, Node.js, Spring Boot, TensorFlow, PyTorch, Bootstrap, Axios, MySQL, Google Cloud, AWS, Ansible, Jira
Concepts: Compiler, Operating System, Virtual Memory, CI/CD, API, Full-stack Agile Methodology, Cloud Computing, Software Development

EXPERIENCE

NBCUniversal   Sep 2024 - April 2025
Product Management Intern   *Stamford, CT*
- Facilitated the implementation of an asset validation feature, reducing onboarding errors on new assests by 25%
- Led the development of an AI chatbot with OpenAI architecture, assisting 30+ operators with live-event management
- Collaborated with cross-functional teams to gather requirements and align feature releases with business goals

Microsoft   June 2024 - Sep 2024
Software Engineering Intern   *Irvine, CA*
- Developed a full-stack web application tracking 5,000+ streamers and esports players, improving security 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

NASA Autonomy Research Center   Sep 2023 - May 2025
Research Associate   *Northridge, CA*
- Developed a Smart Wheelchair prototype with Python and ROS, enhancing mobility and independence for users with physical disabilities
- Proposed an intelligent navigation system using SLAM, sensors, and machine learning for obstacle detection, reducing collision risk by 75%
- Conducted user testing and feedback sessions to refine functionality, achieving 80% satisfaction among test participants

Kaiser Permanente   June 2023 - Aug 2023
Information Technology Intern   *Pasadena, CA*
- Contributed to a Just-In-Time (JIT) access model, proposing 3 features that reduced ransomware attack by 55%
- Developed Python and Php automation for temporary account management, reducing manual errors vulnerabilities by 99%
- Implemented dynamic account management, resolving standing access issues across 40,000 endpoints and eliminating unauthorized access incidents

PROJECTS

MoodMate | *Python*, FastAPI, Streamlit
- Engineered a full-stack AI journaling platform using FastAPI, Firebase Auth, and Streamlit, enabling over 95% reduction in manual mood tracking.
- Automated emotion analysis with a fine-tuned DistilBERT model while maintaining <500ms response latency
- Integrated Google's Gemini API to generate empathetic, real-time mental health support, leading to personalized AI responses across 100% of journal entries.

Smart Pantry | *React Native, Firebase*
- Implemented a secure user-friendly, home inventory app to track items in areas like pantries, 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%.

LEADERSHIP & CAMPUS INVOLVEMENT

NSBE CSUN Chapter (Secretary & Co-Treasurer) **Stem Advntage** (Scholar) **Brilliant Black Minds** (Scholar)
ColorStack (Contributor) **CodePath** (Alumni)