

Anthony Ogbuah

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About Me:

Motivated and detail-oriented Computer Engineering student in my 3rd year, with a strong foundation in programming, digital systems, and IT support. Born in the Borough of Brent, North London, and raised in Lagos, Nigeria, I bring a unique international perspective and the ability to thrive in diverse environments and adapt to different people. Passionate about solving complex technical problems, I enjoy tackling challenges that require analytical thinking, creativity, and resilience.

I have hands-on experience in web development, machine learning, and digital systems design, and I continuously seek opportunities to expand my skill set through projects and certifications. As a multi-lingual communicator with a working knowledge of French, I excel in cross-cultural collaboration and adapting quickly to new technologies and environments.

Currently seeking internship opportunities where I can contribute technical expertise, problem-solving skills, and a growth mindset to real-world engineering challenges.

Technical Skills:

- **Programming:** C, C++, Python, SQL (MySQL)
- **Web Development:** HTML, CSS, Typescript, Javascript, Node.js, Next.js, Express.js, React, REST APIs .
- **Drag-and-Drop tools:** Ecwid, Webflow, Wordpress and Figma.
- **Networking and Systems:** Linux (Ubuntu), Windows, Socket Programming (TCP/UDP), DNS, DHCP.
- **ML, DL and RL (Reinforcement Learning):** Pandas, NumPy, Scikit-learn, MATLAB. Tensorflow (Deep Learning), FastAPI, Keras, PyTorch, Ray RLib and Stable Baselines3
- **Tools & Technologies:** Git, Github, Bash, Docker, PyCharm, Cloudflare.
- **Other:** Ms Office Suite (Word, Excel, Access), Troubleshooting Hardware/Software Issues.

Experience

IT & Digital Solutions Intern | 07/2025 - 09/2025 | RealtyPro Investment Global Limited | Lagos, Nigeria

Responsibilities:

- **Digital Marketing Support:** Helped optimize online property listings by ensuring accurate descriptions, images, and SEO-friendly keywords, improving visibility of land sales on digital platforms.
- **Data Management:** Organized and maintained customer inquiry databases using Excel and CRM tools, enabling faster follow-up and better client tracking.
- **IT Support:** Assisted in troubleshooting software/hardware issues, setting up workstations, and ensuring smooth office connectivity (Wi-Fi, email, shared drives).
- **Analytics & Reporting:** Compiled weekly reports on property inquiries, sales trends, and digital engagement using Excel and basic data visualization.
- **Web & Tech Integration:** Supported website updates and assisted in linking online inquiry forms to agency email systems, improving lead capture efficiency.
- **Collaboration:** Worked closely with sales agents to integrate technology into their client presentations (interactive maps, digital brochures).

Teaching Assistant | 03/2019 - 04/2019 | Chalcedony School | Lagos, Nigeria

Responsibilities and Tasks:

Communication: Explaining concepts clearly and interacting with students.

Organization: Managing tasks, materials, and time effectively.

Responsibility: Handling tasks independently and supporting student learning.

Patience: Working with diverse learners and providing support.

Leadership: Guiding students and assisting in classroom activities.

Teamwork: Collaborating with teachers and other assistants.

Technical tasks: Data entry and management

Database management (Ms Access)

Proficiency in Microsoft Office Suite (Word, Excel, etc.)

Printing and document preparation of student results

Email communication and distribution of student results

Projects

1. **Antlyst** - which stands for Anthony + Analyst is a SaaS platform that allows users to upload CSV files and generate interactive dashboards in multiple styles from simple dashboards to ML plots depending on users choice. Also, AI Powered Insights, Team collaborations to share dashboards visualized and direct DB and API integrations.

Tech Stack: Next.Js, React, TypeScript, Prisma, Plotly.js, Polars, Cloudflare R2, Clerk Auth

Github link: <https://github.com/anthonyy616/antlyst>

Site: antlyst.xyz

2. Website-as-a-Service (WaaS) Platform – HTML, CSS, JavaScript

Designed and developed a website for a business concept offering affordable website creation services to small businesses.

- Built a responsive, SEO-optimized landing page that showcased service tiers and testimonials.
- Implemented basic analytics tracking, user inquiry form, and mobile-first design principles.
- Focused on delivering simple, functional websites aimed at improving client digital presence and discoverability.

rodan-site.vercel.app

Github link: github.com/anthonyy616/rodan_main_source_code

3. Personal Portfolio Website – HTML, CSS, Js

Created a fully responsive portfolio website to showcase academic and personal projects. • Used CSS Grid and Flexbox for layout design, and incorporated modern web standards for performance and accessibility. • Embedded GitHub repositories and contact form integration to enhance interactivity and professionalism.

personal-portfolio-site

Github link: https://github.com/anthonyy616/personal_portfolio_site

4. Customer Churn Prediction (Netflix Dataset) – Python, Pandas, Scikit-learn Developed an ML model to predict customer churn using Kaggle's Netflix dataset.

- Applied data preprocessing, feature selection, and exploratory data analysis (EDA).
- Implemented supervised learning algorithms (Logistic Regression, Decision Trees, Random Forests) with hyperparameter tuning

- Achieved ~82% accuracy in churn prediction, providing insights for customer retention strategies.
- Visualized results using Matplotlib & Seaborn.

Github: github.com/anthonyy616/netflix_churn_analysis

5. 2421-to-Excess-3 BCD Code Converter – Logisim Designed and simulated a digital code converter circuit that translates 2421-coded decimal inputs into Excess-3 binary-coded decimal (BCD) outputs.

- Implemented Boolean minimization techniques to derive efficient logic expressions for conversion.
- Built the circuit using combinational logic gates in Logisim, ensuring accuracy across all valid decimal inputs (0–9).
- Validated the design with multiple input/output test cases and optimized for reduced gate usage.
- Strengthened understanding of digital number systems, weighted codes, and logic simplification techniques.

Education

Computer Engineering | European University of Lefke | 06/2027 | Lefke, Northern Cyprus TR-10 Mersin

- Completed courses in **Data Structure and Algorithms, Object-Oriented Programming, Logic & Systems design, Micro-electronics Circuit Design and Analysis, Operating systems, and Computer programming** (in C and C++).
- High Honor's Student
- **3.53** (out of 4) **CGPA** (as of writing)
- Awarded 75% scholarship
- Became a lab assistant in my sophomore year

Skills

Communication & Inter-personal skills, Time Management, Python, Programming, HTML, CSS, Linux, OpenSSH, Systems Design and Analysis (Logisim), Microsoft word, Microsoft excel, Database Management, Git, Networking (Ipv4, Ipv6, DNS, DHCP) & Troubleshooting, IT Support, Machine Learning (Supervised Learning), MATLAB, Prompt Engineering, IT Infrastructure services, Systems Administration, Customer service, Microsoft word, Microsoft excel, Node.js, React, SQL

Certificates

Google IT Support Specialist Certificate, Oracle OCI AI Foundations Certificate

Additional

Certificate Links:

Google: credly.com/badges/public_url

Oracle: catalog-education.oracle.com/certview