

DESMOND ANTWI

desmondantwi07@gmail.com || *LinkedIn*: <https://www.linkedin.com/in/desmond-antwi-5520651b3/> ||
Portfolio: <https://dessy-portfolio.vercel.app/> || Accra - Ghana || 0557394159

PROFILE SUMMARY

Desmond is a versatile tech and creative professional with a Computer Science degree from Kwame Nkrumah University of Science and Technology (KNUST). At Ntrakwah & Co., he bridges technology and business development by managing the firm's digital presence, driving growth through web strategy, content creation, and design.

He builds and maintains responsive, user-friendly websites using HTML, CSS, and JavaScript, ensuring functionality and accessibility across devices. With experience in Git for version control and foundational skills in Java and C++, he approaches development tasks with structured problem-solving.

Beyond code, Desmond produces branded content. Designing graphics with Canva, crafting motion graphics, and handling multi-angle podcast shooting and editing with DaVinci Resolve. This blend of technical and visual storytelling supports digital strategy, strengthens brand identity, and connects audiences to business goals.

Focused, adaptable, and execution-driven, Desmond thrives in environments where technology and creativity meet to deliver measurable impact.

EDUCATION

BSc. Computer Science Kwame Nkrumah University of Science and Technology (KNUST) - Kumasi, Ghana	Nov 2020 – Nov 2024
W.A.S.S.C.E (General Science) St Peter's Boys Senior High School - Nkwatia-Kwahu, Ghana	Sept 2017 – Sept 2020

WORK EXPERIENCE

National Service Personnel, Ntrakwah & Co. Legal Practitioners and Consultants	Oct 2024 – Present
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- **Business Development:**
 - Develop and implement strategies to enhance the firm's visibility and engagement, particularly on LinkedIn and other platforms.
 - Create and manage promotional materials, flyers, and presentations for client outreach and internal initiatives.
 - Propose innovative approaches for client retention and acquisition, including interactive content and celebratory events.
 - Contribute to strategic planning, such as drafting the 2025 budget and related proposals.
- **IT Support and Infrastructure Management:**
 - Set up office spaces with functional IT infrastructure, including configuring PCs and ensuring their connection to the LAN.
 - Perform troubleshooting and maintenance for computer systems and network issues to minimize downtime.
 - Provide technical guidance and support to staff for efficient use of office IT equipment.
- **Communication and Coordination:**
 - Assist in creating email signatures (animated and static) and managing communication templates.
 - Ensure efficient communication systems, including bulk SMS platforms and other information dissemination methods.

Intern, Citizens Bank Ghana, Nsawam	Oct 2023 – Dec 2023
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- Assisted in the maintenance and support of mission-critical transactional software utilized by the bank, ensuring its reliability and uninterrupted functionalities.
- Involved in the formulation of policies for the company in relation to the variety of software being used within the period.
- Kept a day-day service report and updates of all systems.

Customer Care Representative, All Is Well Ventures, Amasaman	Sept 2020 - Dec 2020
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- Provided exceptional customer service by addressing inquiries, resolving issues, and managing complaints in a courteous and efficient manner.
- Maintained accurate customer records and ensured support for company products and services while monitoring customer satisfaction.

ACHIEVEMENTS/AWARDS

Outstanding Executive of the Year	24 th August, 2024	SACSU-KNUST
Best Innovative Student	26 th August, 2023	SACSU-KNUST
2 nd Runner Up, Inter-House Sport's Competition	20 th May, 2020	St. Peter's SHS

PROJECTS/RESEARCH EXPERIENCE

Air Quality Monitoring and Data Analysis Training

Participated in the West African School on Air Quality and Pollution Prevention, a two-week intensive training program sponsored by the Clean Air Fund in collaboration with the Department of Meteorology and Climate Science at Kwame Nkrumah University of Science and Technology (KNUST). The program focused on hands-on experience with air quality sensors to collect data for predicting local air quality. Conducted field visits to various landfills and dumpsites to educate communities and gather environmental data. Utilized R programming for data analysis and visualization, including plotting graphs. Gained insights into data analysis and visual representation techniques, with a particular emphasis on particulate matter (PM2.5 and PM10). Additionally, learned to build a mini sensor using an Arduino kit.

Developed a Heat Map System

Developed a comprehensive Heat Map Incident System called BILMAP for my capstone project, designed to identify and notify users of natural disaster occurrences and their potential recurrence in specific geographic locations. The system features an intuitive interface, real-time heat map visualizations, and a notification system to ensure community safety and disaster preparedness. Leveraged React.js for the frontend, integrated OpenAI for data analysis, and employed responsive web design for optimal user experience across devices. The platform also features incident input functionalities, allowing users to report their own incidents. Implemented secure backend infrastructure to support reliable data storage and analysis, ensuring a scalable and impactful solution.

Developed an E-commerce website

Developed an online showroom called Amamrø Footwear for my third-year mini project. Featuring a user-friendly interface, curated product collection, seamless purchasing options, and community engagement for exclusive sneaker releases.

<https://ammamr3.vercel.app/>

Developed a music platform

Developed a music web app called GYIDI MUSIC. A music player website exclusively for hosting our church's songs. With a focus on accommodating varying device capacities, the platform ensures accessibility for all members.

<https://gyidi-music.vercel.app/>

PROFESSIONAL TRAINING/ CERTIFICATION

Air Quality and Pollution Prevention	4 th – 16 th November, 2024	West African School
Theoretical And Practical Java	13 th August, 2022	Sololearn
Create and Design Digital Products using Canva	20 th June, 2023	Coursera

LEADERSHIP EXPERIENCE

General Secretary (October 2022 - Present) SACSU - KNUST

- Initiated and implemented a comprehensive church attendance system for SACSU-KNUST, ensuring efficient tracking and detailed records of member attendance and groups. Developed semester summary reports and monthly logs to enhance tracking granularity, implemented permissions management for excused absences, and automated data collection to minimize errors.
- Developed an online form for SACSU-KNUST to collect detailed member information, facilitating efficient organization and communication.
- Implemented a bulk SMS system for seamless dissemination of information among members, enhancing communication efficiency.

House Prefect (July 2019 – Nov 2020) St. Peter's SHS

Led and managed student activities, coordinated events, and maintained discipline and order within the house.

VOLUNTARY/EXTRA-CURRICULAR ACTIVITY

- **Graphic Designer | SACSU-KNUST | Nov 2021 - Present**
Design promotional materials, event posters, and digital content to enhance the union's visual identity and engagement with members.
- **Outreach Leader for "Mapping Your Route to KNUST" | Jun 2024**
I was responsible for designing and printing branded notebooks, creating the content for the seminar, orienting the speakers, and developing a compelling PowerPoint presentation to complement the talks.

SKILLS AND ABILITIES

- Proficient in the use of computer software's like MS Suites
- Programming Languages: Beginner in Java, C++, HTML, CSS, and JavaScript
- Version Control: Skilled in Git
- Web Development: Web design, user interface development, cross-browser compatibility, responsive design
- Graphic Design: Experience with Canva
- Technical Proficiency: Detail-oriented coding, innovative problem-solving
- Soft Skills: Effective communicator, collaborative team player, committed to continuous improvement

REFEREE

James Anin Odame
President, SACSU-KNUST
Phone: +233 24 526 4302

Mr. Isaac Owusu
IT Manager, Citizens Bank Gh
0508003863

Akua Boakye Boatema
Manager, Business Development, Ntrakwah & Co.
0508638787