

NATHAN TURKSON

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Professional Summary

Dynamic and results-driven Computer Engineering graduate with First Class Honors and multi-industry experience spanning project coordination, software development, education, and operations. Recognized for blending strong technical acumen with excellent organizational and communication skills to support project delivery in fast-paced, cross-functional environments. Proven ability to manage complex workflows, coordinate distributed teams, track timelines, and communicate effectively with both technical and non-technical stakeholders. Hands-on experience in supporting full project lifecycles—from initial planning and stakeholder alignment to final delivery—while maintaining focus on quality, efficiency, and client satisfaction. Known for taking initiative, adapting quickly, and contributing meaningfully across both technical and administrative domains.

CORE SKILLS

Digital & Tech Tools: Trello, Slack, Google Workspace, Notion, HubSpot, MS Office, Figma

Web & Dev Knowledge: React.js, Tailwind CSS, HTML/CSS, JavaScript, API Integration

Data & Analysis: MS Excel, Power BI, Python, Data Collection Automation, Reporting

Other Tools: SolidWorks, Onshape, MATLAB, WordPress, 3D Design

EDUCATION

Academic City University College | Ghana

Sep 2019 - May 2023

Program: BSc. Computer Engineering

Academic Standing: First Class Honors (CWA: 82.33 / 100)

Awards: Dean's List Honoree (2019 - 2022), Academic Excellence Award (2021 - 2022)

Relevant Courses: Programming in C, Operating Systems, Computer Networks, Software Engineering, Artificial Intelligence, Advanced Digital Signal Processing, Data Structures and Algorithms, Computer Systems Engineering, Embedded Systems.

WORK EXPERIENCE

Project Manager and Web Developer | Trescomas | US (remote)

August 2023 - Present

- Led project planning and reporting across hardware and software teams.
- Managed coordination between team members, clients, and stakeholders to ensure progress and delivery.
- Coordinated a 4-member team to build and deploy an web platform for IoT data visualization, integrating user-level access control.
- Created automated dashboards to visualize gas usage for clients across 2 cities, improving client decision-making turnaround by 3x.
- Migrated legacy database systems to cloud-based infrastructure, reducing downtime from hours to less than 5 minutes monthly.

Full Stack Developer | Really Great Tech | Ghana**November 2023 - Present**

- Spearheaded the end-to-end development of dynamic React applications from Figma designs, delivering responsive, high-performance user interfaces with Tailwind CSS that increased user engagement.
- Integrated RESTful APIs and optimized data flow across frontend and backend systems, reducing page load times and improving real-time data accuracy by 40%.
- Contributed to backend logic using Node.js and Express, including endpoint creation, input validation, and integration with third-party services.
- Engineered reusable component libraries and streamlined code architecture, cutting development time for new features by over 30% across multiple projects.
- Collaborated with product, design, and backend teams in Agile sprints to deliver features ahead of schedule, directly contributing to a 25% faster release cycle.
- Mentored junior developers and reviewed pull requests to ensure code quality, maintainability, and adherence to best practices.

Web Developer | DD Analysis | UK (remote)**Sep 2023 - Nov 2023**

- Developed a **fantasy Premier League web portal** for 5,000+ active users; included real-time data integration from live sports APIs.
- Designed custom CMS blocks in WordPress for news articles, boosting editorial team efficiency by 50%.
- Improved mobile page load speeds by **1.6 seconds**, increasing mobile engagement by 22%.
- Conducted weekly QA sessions and accessibility audits to ensure WCAG 2.1 compliance.

Technical Research Intern | Remotown Ghana**June 2023 - Aug 2023**

- Scraped and processed 10,000+ candidate profiles from multiple job boards using Python and BeautifulSoup for a digital hiring platform.
- Automated ETL pipelines, cutting manual effort by 40% and increasing usable data yield by 25%.
- Documented data collection scripts for scalability, reducing onboarding time for future developers by 60%.

Career Peer Advisor | Academic City University College | Ghana**Nov 2022 - Nov 2023**

- Played an integral role in organising and facilitating seminars, career talks, and workshops focused on resume building, cover letter writing, and interview preparation and spearheaded professional development initiatives that empowered students to thrive in their chosen fields.
- Provided tailored career guidance and advice by integrating insights from diverse experiences in HR analytics and onboarding procedures, ensuring peers' alignment with organisational objectives and personal career aspirations.

IT / Human Resources Intern | Tullow Oil | Ghana**Aug - Nov 2021**

- Assisted in successfully onboarding over 100 new staff members, including international diplomats, managers, engineers, and other professionals, showcasing the ability to manage diverse onboarding processes and support the integration of a wide range of talent into the organisation.
- Employed proficiency with MS Power BI to develop detailed Human Resource Analytics on focus areas within the organisation, highlighting the ability to leverage data analytics tools for HR insights and strategic decision-making.

Engineering Intern | HenyTec Solutions Limited | Ghana**May- July 2021**

- Extensively researched on food delivery, consumption rates, and prices, leading to informed decision-making on pricing strategies.
- Spearheaded the design of a food delivery drone, resulting in a 25% reduction in average delivery time.

Production Assistant | PrimeTime Ghana

April 2021 - July 2021

- Facilitated seamless execution of the week-long National STEM festival, ensuring the participation of 30 STEM teams, and successfully coordinated over 10 technical support requests, ensuring overall satisfaction.
- Implemented meticulous project coordination, improving project delivery timelines and an increase in the completion of STEM initiatives.

Frontend Developer | First Lego League

Apr - June 2021

- Successfully implemented innovative front-end solutions, leading to a significant improvement in website user engagement through increased page views and prolonged session durations.

Intern | Dream Oval Company Limited | Ghana

May - June 2017

- Applied acquired knowledge from shadowing professional Android application developers to troubleshoot and resolve technical issues, leading to a decrease in bug reports and enhanced overall stability of applications.

VOLUNTEERING EXPERIENCE

Program Coordinator | Tech Expo

2022 - 2023

- Spearheaded the coordination of the ACity Tech Expo for two consecutive years, demonstrating exceptional leadership skills and the ability to manage complex projects.

Robotics Instructor | Academic City University College

Mar 2023

- Led as the primary instructor and coordinator for the Intro to STEM Program, guiding high school students through a comprehensive curriculum covering basic electronics, robotics, Arduino programming, 3D design, laser cutting, engineering manufacturing design, and problem-solving.

REFERENCES

Ms Anna Tetteh | Career Counsellor | Academic City University College

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Mr Alidu Abubakari | College Professor | Academic City University College

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