Charles Adomako Tawiah

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Education

Nottingham Trent University, BSc Computer Science   **2024 – 2027**
Predicted Grade: First Class

Bishop Thomas Grant Sixth Form   **2021 –2023**
A-Levels: Biology (B), History (B), BTEC Information Technology (Distinction)

Bishop Thomas Grant Secondary School   **2016 – 2021**
GCSEs: 9 GCSEs (8-5), including a (6) in Mathematics and (6) in English Language

Work Experience

GCHQ | Cybersecurity Summer Intern - London   **Jul 2022 – Aug 2022**

- Selected from over 2,000 applicants for GCHQ's Cybersecurity Internship, gaining insights into national security operations.
- Conducted threat analysis on five simulated cyber-attacks, resulting in actionable recommendations to strengthen UK digital defence systems.
- Investigated and reported on vulnerabilities within critical digital infrastructures, identifying three key areas for improved counter-terrorism measures.
- Presented findings to a panel of six senior analysts, receiving recognition for clarity and strategic value.

PwC | Technology Focus Insight Week Intern – London   **Jul 2022**

- Participated in PwC's technology-focused programme, completing four hands-on workshops on automation and data analytics.
- Analysed three real-world tech challenges, presenting innovative solutions that addressed process inefficiencies, reducing hypothetical costs by 10%.
- Collaborated with 20 participants and five PwC mentors, enhancing cross-functional communication and problem-solving skills

Arm | Work Experience Intern – London   **Jul 2022**

- Gained practical exposure to AI and machine learning technologies, contributing to a group project that designed an AI-driven solution reducing task completion time by 15%.
- Participated in two innovation workshops, including 'Tech for Good,' producing a proposal for an ethical AI framework adopted as a case study by the programme.
- Built connections with eight professionals through speed networking and contributed to three brainstorming exercises addressing real-world tech challenges.

Meta | Elevate Software Engineering Mentorship Programme – London & Remote   **Jan 2025- March 2025**

- Selected from a competitive pool for Meta's 8-week mentorship, gaining direct guidance from a Meta software engineer.
- Developed and refined software engineering skills using Meta's Codio platform, enhancing coding proficiency in Python and JavaScript.
- Completed structured training in data structures, algorithms, and system design, applying concepts to real-world scenarios.
- Strengthened professional branding through CV optimization, interview techniques, and LinkedIn profile development, improving career readiness.
- Engaged in weekly technical discussions and problem-solving exercises, receiving targeted feedback to refine technical and analytical thinking.
- Graduated from the programme with an advanced understanding of software development best practices and industry insights into Meta's engineering workflows.

Responsibilities and Achievements

Senior School Prefect | Bishop Thomas Grant School   **2021- 2023**

- Advocated for community engagement and economic empowerment through school-wide initiatives and events.
- Acted as a liaison between students and staff, addressing student concerns and promoting a positive school environment.
- Organised workshops for younger students, fostering teamwork and leadership skills through interactive sessions.

Skills and Interests

- **Languages**: English (Native)
- **IT Proficiency**: Programming Languages: Python, SQL, Java Script | Microsoft: Excel, PowerPoint, Access, Word
- **Alumni**: 10K Black Interns, The Brokerage