Nathan Brown-Bennett

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EDUCATION

Master of Science, Network and Information Security (Expected 2025)
Kingston University, Kingston upon Thames, UK
Final Year Project: Deepfake deterrent and Spam prevention through fingerprinting digital media locally - MyMark.

Bachelor of Science, Cyber Security & Digital Forensics (Graduated with 2:1, 2024)
Kingston University, Kingston upon Thames, UK
Final Year Project: "Building Foundations: Assessing Practicality vs Security in Modern Computer Use" - How Do We Decide What Devices We Provide?

A-Levels, Royal Albert & Alexandra School (2019-2021)
Reigate, UK
Extended Project Qualification: "How Secure is Cyber Security?"

PROJECTS

Cybersecurity in UK Government:
A Fifteen-Year Retrospective (2025, Ongoing side project)
Comprehensive analysis of cybersecurity within UK government institutions over 15 years,
Addressing core issues in tech, software, hardware, government bodies and processes.

Commonwealth Youth Hub App *(CYHA MVP) (2024)*
Built an MVP to facilitate youth community interactions within commonwealth events.

Py-Alt Store (App store for python projects)
Built an alternative app store to download and share python games and projects to run on mobile devices.

Tweeter (2024)
AI-driven application utilizing NLP techniques for comical content generation.

BlockBash (2025)
Gamified cybersecurity education tool using a block-based interface to teach terminal commands and ethical hacking concepts through interactive, AI-supported challenges.

Artificial Intelligence & Prompt Engineering

Cybersecurity Tools & Penetration Testing

Cloud Platforms, DevOps & Version Control

Programming Languages: Python & C#

Machine Learning Frameworks

WORK EXPERIENCE

Security Engineer, Xeyus LTD (2022-2023)
Penetration Testing, Security IT Consultancy, GDPR Compliance

Volunteer & Application Developer, Mind in Croydon (2020-2021)
Database Development, IT Support, Technical Workshops

Network Security Administrator, Mental Health Innovations/Shout UK (2018-2020)
Network Security, OSINT, Board Presentations, GDPR Certification

Systems Engineer & Data Analyst, Lunarversal (2023-2025)
Live monitoring (Splunk & Datadog), Automating Routines in Salesforce, Configuring Github Tests and access, API scaling & configuration , OAUTH, TOKENS & Custom 'CHATBOTS'

Student Mentor & Teaching Assistant, Kingston University (Jan 2025 – Mar 2025)
Supported UG labs in Splunk, Datadog, AI automation, and cloud data systems. Guided students in security monitoring, data analysis, Linux-based pipelines, and real-time visualisation refinement.

Project & Creative Director, Trustee, CERRF (May- June 2025)
Directed development of cybersecurity tools (Block Bash, Hacker Go..), led workshops and creative media projects (CyberChoices, Cerrf Talks), managed investor pitches, brand design, and UX/UI; oversaw and developed GitHub integration, cross-platform MVP builds and AI-powered learning tools.

RESEARCH INTERESTS

HUMAN-CENTRED CYBERSECURITY EDUCATION AND GAMIFIED LEARNING ENVIRONMENTS

PRIVACY-PRESERVING AI SYSTEMS AND DIFFERENTIAL PRIVACY IN LLMS

CRYPTOGRAPHIC PROTOCOLS, MEDIA FINGERPRINTING, BLOCKCHAIN AND SECURE DIGITAL CONTENT DISTRIBUTION

REAL-TIME DATA ANALYSIS AND DIGITAL TWIN ARCHITECTURES FOR THREAT DETECTION

SECURITY AND RESILIENCE IN CLOUD-NATIVE, AUTONOMOUS, AND DISTRIBUTED SYSTEMS

REFERENCES

Mr. Gavin Ngulube
Director at Xeyus LTD
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Mr. Jonathan Coleman
Director at Lunarversal LTD
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More References Available on request