

Joshua McManus

Geostrategy

Final-year BA (Hons) Security, Intelligence, and Cyber student. Fast and adaptive learner with grounding in analytical reasoning and strategic evaluation across geographical, strategic, and technical domains

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§ 01 Summary

Final-year BA (Hons) Security, Intelligence, and Cyber student on an accelerated two-year degree at The University of Buckingham. Fast and adaptive learner with growing independent study in GIS and OSINT analysis. Strong grounding in analytical reasoning, and strategic evaluation across geographical, strategic, and technical domains gained through both academic studies and personal interests.

Incoming postgraduate researcher, commencing an MSc in Development, Environment, and International Politics at Newcastle University in late 2026. Currently open to research collaborations, conference opportunities, and postgraduate networks in development-security, sustainability, and energy resource management.

§ 02 Education

BA (Hons) Security, Intelligence and Cyber

2024 – 2026

The University of Buckingham · BUCSIS

- Accelerated two-year undergraduate degree, expecting to graduate with First Class Honours.
- Key Modules: Development and Security, DNA and Crime, and National Security in a Cyber Age.
- Dissertation: Sustainable Scotland – A Comparative Analysis of Development-Security.
- Coursework includes Forensic Sciences, Terrorism and Counter-Terrorism, and cyber fundamentals.

Ponteland High School

2015 – 2022

GCE A-Levels (2022–2024) · GCSEs (2020–2022)

- A-Level Subjects: Geography, Mathematics, and Physics.
- Independent fieldwork on urban areas and organic carbon stores in Newcastle-Upon-Tyne.
- Attained 11 GCSEs including English, Maths, and the Sciences.
- Extended Project Qualification: Surviving the High North – A Look into Culture and Geography (2023).

§ 03 Experience

Student Geostrategist & Founder

Sep 2024 – Present

The SPARK Group

- Founded the SPARK Group as an international open-source collaboration effort.
- Delivered open-source projects relating to enhancing hardware and networking skills.
- Lead Developer on digital ecosystem projects: SparkNet and SenaCode.

Front & Back of House

Aug 2022 – Sep 2024

Sodexo Live! · St James' Park

- FoH: Worked various roles and events — Christmas parties, VIP boxes, and grand openings.
- BoH: Independently managed high-volume dispense, Glasswash, and back of bar on major match days.
- Recognised with multiple 'On the Spot' awards for efficiency and service excellence.
- Spearheaded Glasswash operations for St James' premier luxury suite from launch day.
- Monitored inventory flow and coordinated with cellar and FoH teams to maintain quality distribution.

§ 04 Skills & Methods

Research & Analytical	Technical
Qualitative Methods – Discourse analysis, archival research, thematic coding, case-study methodology.	Programming & Systems – COBOL, Assembly, ZSH scripting, Git, Linux/NixOS administration.
Quantitative Methods – Statistical analysis, network analysis, GIS spatial analysis.	Data & Geospatial – QGIS, database design, embedded SQL, flat-file systems.
Intelligence Disciplines – OSINT, HUMINT methodology, all-source intelligence synthesis.	Languages – English (native), Esperanto (progresanto).

§ 05 Certificates & Qualifications

IBM Mainframe Developer Professional Certificate IBM · 2025	First Aider's Qualification Northumbrian ACF · 2023
IBM Mainframe Practitioner Professional Certificate IBM · 2025	Inspiring Digital Enterprise Award iDEA · 2023
Ethical Hacking with Kali Linux Professional Certificate IBM · 2025	Radio Operator Air Training Corps · 2022
Industrial Control Systems TAIT · 2025	Rotary Youth Leadership Award Rotary · 2022
Radio Awareness TAIT · 2025	Principles of Database Design University of Buckingham

§ 06 Leadership & Affiliations

Fellow, RSA.

Royal Society for the Encouragement of Arts, Manufactures, and Commerce
– Advocating for access to knowledge, ideas, and civic enterprise.

Student Academic Representative

Centre for Security and Intelligence Studies (BUCSIS) · University of Buckingham
– Representing BUCSIS students and amplifying the centre's voice within the institution.

Cadet Senior Non-Commissioned Officer

Air Training Corps & Northumbrian ACF
– Former Flight B NCO-IC at local squadron. Instructed cadets on Radio Communication, Physics, and Drill and Ceremony, with over 5 years of experience, reaching the rank of Sergeant.

Membership to Associations:

Royal Society of Arts · British Cartographic Society · Energy Institute · Association for Geographic Information