

JAMES SPOONER

GIS SPECIALIST

CONTACT

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james Spooner1995@gmail.com

SKILLS

Esri Suite (ArcGIS Pro, Field Maps, Dashboards, Survey123)
SQL (MySQL)
QGIS
Data Analysis
Spatial Analysis
ModelBuilder
Microsoft Power Automate
Microsoft Office

EDUCATION

University of Brighton (2013-2016)
BSc (Hons) Geography

Dartford Grammar School (2006 - 2013)
International Baccalaureate

REFERENCES

Available upon request.

SUMMARY

GIS Specialist experienced in asset management, LiDAR analysis, automation, and ArcGIS-based field workflows. Builds end-to-end geospatial systems that improve decision-making, data quality, and operational efficiency for First Nations communities.

PROFESSIONAL EXPERIENCE

GIS Specialist - Tapestry Research Group January 2025 - Current

- Lead the design and deployment of comprehensive GIS & Asset Management Systems using PostgreSQL/PostGIS, ArcGIS Pro, ArcGIS Online, Dashboards, Survey123, Field Maps, and QuickCapture.
- Build and maintain relational asset databases with custom schemas, automated IDs, editor tracking, and versioning.
- Develop field-to-dashboard workflows enabling real-time deficiency reporting, maintenance tracking, and work-order management.
- Create automation scripts with Python/ArcPy, ArcGIS API for Python, and scheduled tools to streamline spatial data updates across desktop, AGO, and backend environments.
- Perform advanced GIS and LiDAR analysis, including tiling, classification, DTM/DSM/CHM generation, tree detection, segmentation, and volumetric modelling.
- Produce high-quality maps, dashboards, atlases, OLS airport surfaces, and custom iconography for operational reporting.
- Collaborate directly with leadership and field teams to gather requirements, deliver training, and provide clear documentation and presentations.

GIS Analyst - Ringway March 2022 - September 2024

- Generated detailed spatial reports and visual presentations from complex datasets.
- Maintained and updated databases, ensuring data accuracy and integrity.
- Utilised Excel to analyse and manage data, creating pivot tables, performance KPIs, and automating tasks to boost team productivity.
- Liaised with contractors and engineering teams to resolve project issues.
- Consistently achieved performance targets, delivering a 95% KPI for efficiency and work-order closure.
- Contributed to reducing project backlogs, enabling ~80% of outstanding items to be reclaimed.

GIS Technician - Cyient November 2021 - March 2022

- Ensured accurate data processing and mapping for subsidy distribution.
- Maintained and updated databases with precise land parcel information.
- Conducted quality assurance reviews, consistently surpassing performance targets.
- Classified and analyzed habitat data to assess subsidy eligibility.

GIS Internship - Wildlife & Ecological Investments July 2021 - October 2021

- Applied analytical tools to identify patterns and trends, enabling targeted actions for habitat and species conservation.
- Mapped and analyzed spatial data to pinpoint activity hotspots.

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Admissions Officer - London South Bank University

October 2020 - June 2021

- Managed large applicant datasets, maintaining accuracy, ensuring compliance, and improving processing efficiency from submission to final decision.
- Evaluated applications using structured criteria and provided clear communication and guidance to applicants and internal stakeholders.

Market Research - MBI; ALF Insight

January 2020 – September 2020

- Updated, cleaned, and maintained research and inventory databases, identifying trends and supporting reporting and data-driven decision-making.
- Ensured high-quality data management across multiple projects with consistent attention to accuracy and organisation.

Community Associate - IWG plc

April 2019 - November 2019

- Managed client information, operational records, and daily workflows, ensuring smooth operations through accurate data handling and problem resolution.
- Acted as a primary point of contact, coordinating scheduling and logistics while providing efficient support in a fast-paced environment.

Market Research - MBI; The Knowledge/KFTV

January 2018 - December 2018

- Ensured agency, production company and brand profiles were both current and relevant.

VOLUNTEERING

Co-ordinator – Parque Machía, Villa Tunari, Bolivia

January 2019 - March 2019