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Connor Murray

GRADUATE LAND SURVEYOR

Geospatial Science graduate from the University of the Highlands and Islands with practical experience in topographic surveying, GPS/GNSS positioning, and CAD mapping. Completed a **6 month placement** at a surveying consultancy where I assisted on **15 site surveys** across residential and infrastructure projects. Proficient in Leica total stations, RTK GPS, and AutoCAD Civil 3D. Working towards RICS AssocRICS accreditation.

EDUCATION

BSc (Hons) Geospatial Science in Geospatial Science

University of the Highlands and Islands, Inverness

Sep 2022 – Jul 2025

Graduated with Upper Second Class Honours (2:1, **65% average**). Dissertation on the accuracy of UAV photogrammetry for topographic mapping in rural Scotland, graded **70%**.

- Relevant modules: Land Surveying, GPS/GNSS Positioning, CAD for Surveyors, Geographic Information Systems, Remote Sensing
- Completed **20 days of fieldwork** across the Scottish Highlands using total stations, GPS, and levelling equipment

SKILLS

- Topographic Surveying
- Leica Total Stations
- RTK GNSS (Leica GS18)
- AutoCAD Civil 3D
- GIS (QGIS, ArcGIS)
- Survey Data Processing
- Measured Building Surveys
- UAV / Drone Photogrammetry
- Levelling
- Microsoft Excel
- Fieldwork & Site Safety
- Full UK Driving Licence

CERTIFICATIONS

CSCS Card (Labourer)

Construction Skills Certification Scheme

Jan 2025 – Jan 2030

CAA A2 Certificate of Competency (Drone Pilot)

Civil Aviation Authority

Mar 2025 – Mar 2025

LANGUAGES

- English - Native

REFERENCES

Neil Robertson

Senior Surveyor, EPC United Kingdom

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EXPERIENCE

Surveying Placement Assistant, EPC United Kingdom, Aberdeen Jan 2025 – Jun 2025

Assisted senior surveyors on topographic and engineering surveys during a 6 month placement.

- Assisted on **15 site surveys** across residential developments, road schemes, and infrastructure projects
- Operated Leica TS16 total station and Leica GS18 RTK GNSS equipment independently on **8 of the 15 surveys**
- Processed survey data and produced **12 topographic plans** in AutoCAD Civil 3D, all accepted by clients on first submission
- Conducted **3 measured building surveys** for refurbishment projects, producing floor plans and elevations

Groundskeeper (Seasonal), Royal Aberdeen Golf Club, Aberdeen May 2024 – Sep 2024

Seasonal groundskeeping role during the summer between academic years.

- Maintained **18 holes** and practice facilities, operating mowing equipment and irrigation systems
- Assisted with course setup for **4 competition events** attended by a combined **600 players**

PROJECTS

UAV Photogrammetry Accuracy Study (Dissertation) Oct 2024 – Apr 2025

Compared the accuracy of UAV photogrammetry against traditional total station surveys for topographic mapping.

- Surveyed **3 test sites** across the Scottish Highlands using both methods, comparing **150 check points**
- Found UAV photogrammetry achieved accuracy within **±30mm** horizontally and **±50mm** vertically
- Presented at the **UHI Research Conference** and received a grade of **70%**

EXTRA CURRICULAR ACTIVITY

Volunteer - John Muir Trust Conservation Work Parties Jun 2024 – Jun 2025

Participated in conservation work parties maintaining wild land in the Scottish Highlands.

- Contributed **8 days of volunteer work** across 4 locations including Ben Nevis and Schiehallion
- Assisted with footpath restoration, deer fencing, and invasive species removal