

MICHAEL TROTTER

[REDACTED], ACT, 2617

M: [REDACTED]

E: [REDACTED]

Career objective:

To build on my established skills as a Geospatial Data Analyst while completing my master's degree in computing and gaining experience as a geospatial analyst/developer working with unmanned systems.

EDUCATION

**2020 - anticipated
completion mid-2023**

Master of Computing – Machine Learning
Australian National University
GPA of 6.8 as of June 2022

2014 - 2016

Master of Engineering - Geospatial
University of Melbourne
Graduated with distinction and a first-class honours average

2011 - 2013

Bachelor of Environments – Environmental Science (Ecology)
University of Melbourne
Graduated with a first-class honours average

2002 - 2003

Victorian Certificate of Education (VCE)
The Geelong College

EMPLOYMENT HISTORY

2017 – ongoing

Senior Geospatial Data Analyst

- Provide technical geospatial and automation support to analysts [REDACTED], primarily with Python and ESRI tools
- Provide guidance in the exploitation of geospatial data and development of novel analytical techniques
- Manage small teams including the coordination of short-term tasking and a long-term program of work
- Represent [REDACTED] in engagements with international and industry partners

2016 – 2017 *UPG Solutions*

Technical Consultant – unmanned aerial vehicles (UAVs) and laser scanning

- Provide technical expertise in the use of UAVs and terrestrial laser scanners for survey applications
- Provide training and ongoing support to customers across hardware, software, and flight operations
- Provide consulting support in the completion of projects utilising survey UAVs and laser scanners
- Assist in the servicing and field testing of UAV and laser scanning equipment

2004 – 2007, 2010 – 2015 *Toga Hospitality*

Night Manager

- Managing operations for a large, inner-city apartment hotel
- Auditing of accounts and management of periodic financial reporting
- Responding to customer enquiries and providing guest assistance and dispute resolution

2007 – 2010 *Mount Hotham Skiing Company, Steamboat Springs Ski Resort, Mt Washington Ski Resort*

Helipad Manager, Area Supervisor & Ticketing Manager

- Responsible for the safe operational management of passenger helicopter operations
- Management of resort lift and ticketing operations including operation of ski lifts and oversight of routine equipment inspections
- Training and management of up to 90 operations staff

TECHNICAL SKILLS & QUALIFICATIONS

- Remote Pilot Licence (RePL), multirotor and aeroplane
- Extensive experience in the use of ESRI ArcGIS and automation with Python/Arcpy
- Experienced in field surveys using a broad range of techniques including laser scanning and UAVs
- Experience with programming in Python for geospatial, software engineering, and data science applications
- Comfortable programming with Java and C
- [REDACTED]
- Holder of an unrestricted Australian driver licence

INTERESTS

I have a keen interest in aviation. I hold a Recreational Pilot Licence, Recreational Pilot Certificate, Glider Pilot Certificate, Skydiving C Licence, Paragliding Licence, and a Remote Pilot Licence (RePL) with both aeroplane and multi-rotor endorsements. I also hold Controlled Aerodrome, Controlled Airspace, and Flight Radio endorsements.

I enjoy cross-country running, skiing, snowboarding, and hiking. I am currently completing the 660km Australian Alpine Walking Track in sections, having so far walked ~440km. I am also an avid film goer and enthusiastic coffee drinker.

REFERENCES

Mr. Joshua [REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]

Mrs. Chloe [REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]