

Robin LIN

Phone: 0413292200 | Email: robinlin526@gmail.com

SUMMARY

A Master in Geospatial science and now serving as GIS and Asset Data Officer in local government with a wide exposure to GIS associated software including ArcGIS, ArcGIS online, Python script coding, FME and SQL databases. High attention to detail, integrity, and spatial accuracy. Always seeking opportunities to innovate and boost productivity. Demonstrated experience in managing large and complex data sets relating to asset and GIS data. Proudly working in surveying field for over three years providing extra viewpoints in land planning, cadastral management (based in Victoria), ability to interpret cadastral survey plan and engineering drawings, 3D scanning & spatial data processing. After six-year higher education and over four years work experience in geospatial field, I have a very comprehensive understanding of spatial information and principles. Proficient in various spatial software and being able to utilize the most appropriate one and integration results. Always modest to learn new knowledge, to improve procedure of daily works and always fueled with passion.

EDUCATION

THE UNIVERSITY OF MELBOURNE

Master of Engineering (Spatial)

Melbourne, VIC
Jul 2017 – July 2019

- Research Project: Automated texturing of historical BIMs – case study of the Royal Exhibition Building
- Project involves techniques in BIM, drone images photogrammetry and indoor laser scanning.

TONGJI UNIVERSITY

Bachelor of Engineering in Surveying and Geo-informatics

Shanghai, China
Sep 2013 – July 2017

- Research Project: Grassland livestock recognition and estimating in drone images by MATLAB
- Led the project Mobile Air Quality Monitoring System Based on Position: Published a website which demonstrates air quality data collected by monitors and visualized with MAP API.

PROFESSIONAL EXPERIENCE

CITY OF MORETON BAY COUNCIL

GIS and Asset Data Officer

Moreton Bay Region (North Brisbane), QLD
April 2023 – Current

- Undertake the capture of asset spatial data from different sources.
- Provide input into the maintenance and improvement of internal and external processes for asset data capture, including asset data cleansing projects and As Constructed workflow processing.
- Accurately maintain the quality and integrity of asset and spatial data and provide spatial analysis to internal stakeholders.
- Develop python script & FME workflow to promote the productivity of team.
- Undertake field validation of asset data in order to improve the accuracy of Council's asset information.

GEOSURV

Surveyor

Canberra, ACT
March 2021 – April 2022

- Managing survey works of a long list of Canberra landmark new apartments, infrastructure projects and residential properties in Canberra independently.
- 3D scanning for commercial properties.

MET SURVEYORS

Surveyor

Pilbara, WA
Jun 2020 – Nov 2020

- Constructing and Engineering survey for Rio Tinto, BHP & FMG Iron ore mines.
- Tasks covering all kinds of infrastructure including underground services, earthworks, road construction, concrete set out, volume calculation using drone and railways.

RL SOLAR CONSTRUCTION

Surveyor

Pilbara, WA
Apr 2020 – Jun 2020

- Setting out Solar panel supporting piles. Piles as-built survey and data analyzing.
- Substation and electrical underground services as-built.

METRO SURVEY GROUP

Assistant Surveyor

Greater Melbourne, VIC
May 2019 – Mar 2020

- Residential Property Feature and Level Survey and setout
- Subdivision survey, Title Re-establishment; Rural survey and interior survey

PROFESSIONAL SKILLS

Software: ArcGIS Pro, QGIS, FME, Envi, Civil3D, AutoCAD, Agisoft Metashape, Pix4D, Liscad, Revit, FARO Scene

Proficient Programming Language: Python, JavaScript, SQL, C#, VB.Net, Matlab

Personal Website: <https://juejove.github.io/> - (Collection of web works including web map using multiple map API, demonstrating drone orthoimage & a variety of spatial data.)

REFEREES

Mark McFee GIS and Asset Data Team Leader
Andrew Folling GIS and Asset Data Officer

Email: Mark.McFee@moretonbay.qld.gov.au
Email: Andrew.Folling@moretonbay.qld.gov.au

Mobile: 07 3480 6732
Mobile: 07 3480 6220