Eugen Tapoveti, C.E.T.

GIS professional at ATCO Gas with experience in utility mapping, municipal GIS and field surveying. I develop GIS applications and automate data processing, quality control and reporting with Python, FME and enterprise GIS tools.

Contact

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Edmonton, Ab, Canada

(780) 993-9170

Certifications

C.E.T. from A.S.E.T.
H2SAlive
Class 5 Drivers License
WHIMIS Training
Emergency First Aid with CPR C and AED
AMA 2 Days Safety

Coding Languages

Python / ArcPy
SQL / JavaScript

Skills & Software

ArcGIS Pro, ArcGIS Online
Utility Network, branch versioning
Experience Builder, Web AppBuilder
ArcGIS Dashboards, Power BI
FME Form, FME Flow, APIs, ArcPy
AI agents, machine learning
QGIS, GeoMedia, ENVI, PostgreSQL
AutoCAD, Photoshop, Office
SharePoint, WordPress, Survey Pro
GPS/GNSS, Total stations, Levels

Education

Bachelor Degree in G.I.S.

S.A.I.T.

Diploma in Geomatics Engineering Technology

N.A.I.T.

Diploma in 3D Animation and Modeling

PIXEL BLUE COLLEGE

Experience

G.I.S. Technician (Jul 2022 - present)

ATCO Gas

Edmonton, AB

Create, maintain and analyse maps and spatial datasets for operations, planning, engineering and asset management.

Develop custom GIS applications, ArcGIS Pro tools and Python toolboxes. Automate processing, quality control, reporting and recurring workflows.

Build and troubleshoot FME Form and FME Flow workspaces for data integration, validation, transformation and automation.

Build web applications with Experience Builder, Web AppBuilder and JavaScript; create dashboards and reports with ArcGIS Dashboards and Power BI.

Work with Utility Network data, network tracing, versioned editing and branch versioning. Integrate databases, APIs and web services; perform spatial analysis and geoprocessing.

Apply machine learning, AI and custom agents to analysis and automation. Produce maps to organizational standards and write technical guides and training materials.

Senior GIS Technician experience (12-month period): internal and external QA/QC, vendor requirements and process improvements.

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Experience

G.I.S. Coordinator (Jan 2021 - Jul 2022)

City of Wetaskiwin

Wetaskiwin, AB

Responsible for creating, analyzing, and maintaining all the municipal data for the City of Wetaskiwin.
Creating and updating various AutoCAD drawings for the Planning and Engineering department, which were later introduced into QGIS or Geomedia.
Creating, maintaining and documenting spatial information and tabula data to support various departments i.e. water utilities, waste-water utilities, storm sewer utilities, electrical utilities, protective services, public works, snow removal, engineering, maintenance, planning and development, permit licensing, cemetery, recreation services etc.
Maintaining, creating, and tracking various data with the use of Munisight's mobile application, as well as training the staff on the use of the application.
Responsible for the GIS data stored and mentioned on the city's PostgreSQL Server.
Designing digital maps with geographical data and other data sources.
Working with all the city departments to create, input and update asset management data.
Creating, updating, and deleting accounts with various user rights.
Administering aerial imagery contracts and collaborating with various companies to ensure the best results for the city.
Organizing and maintaining department records for large land assembly projects.
Working with a variety of internal and external stakeholders, including other department staff, partnering departments and contractors.
Assisting Planning and Engineering staff with team projects.
Collaborating and assisting the IT department with various tasks and projects

G.I.S. Technician / Project Technician (Jan 2019 - 2020)

Valard Construction

Edmonton, AB

Creating and maintaining file geodatabase, website, online tools, Python scrips, Structured Query Language (SQL) scripts.
Collecting, creating and inputting GIS data from various sources.
Deep understanding and use of ESRI products (ArcMap, ArcPro, ArcGIS Online, ArcGIS Portal, web APIs, Arcpy), QGIS, FME, Microsoft Office, Microsoft Sharepoint.
In charge of creating, maintaining and updating a python script with the purpose of creating automated technical reports, these reports will be later use in taking critical decision at various critical stages in the project's timeline.
Use of spatial data, algorithms, remote sensing information, and various other inputs to perform analysis with the use of tools, and various other analytical tools.
Proficient in computer programming languages such as Python, SQL, and some understanding of CSS.
Producing various GIS outputs which include charts, maps, diagrams, progress reports.

Party Chief (Jun 2015 - Jan 2019)

Hagen Surveys

Edmonton, AB

Leadership role in the development of the Stantec Tower, Marriot Hotel Tower and the City of Edmonton tower.
Deep understanding and proficient knowledge with a robotic/standard total station, Global Positioning System (GPS), GNSS/GPS RTH, and digital/standard level.
Following directions from survey managers and co-developing procedures to complete unique tasks, identifying and reporting unusual locate results to Team Lead/ Engineering groups, external clients according to established procedures.
Use of ATVs and various other off-road vehicles to reach some remote areas.