

OBJECTIVE

To utilize my expertise in GIS, spatial analysis, and database management as part of the team that develops high-tech innovative solutions for environmental problems.

CONTACT

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802-376-9421

San Francisco Bay Area

EDUCATION

SF STATE UNIVERSITY

BA, Geography (GIS Focus)

Graduate December 2024 | GPA: 4.0

Coursework: Advanced GIS, Spatial Analysis, Remote Sensing, Python & R for Environmental Data,

CITY COLLEGE of SF

Certificate in GIS

2022 – 2023 | GPA: 4.0

New England Institute of Technology

AS, Video & Audio Production

2010 – 2012

SKILLS

GIS Software: ArcGIS Pro, ArcGIS

Online, QGIS

Programming: Python, R, SQL,

JavaScript, Arcpy, GDAL, Rasterio

Data Management: PostgreSQL,

PostGIS, SQL Server Mgmt Studio,

Excel

Additional: AI Prompting, GPS, Drones,

Data Collection, Interactive Maps,

Web Applications

Michael Peckham

GEOSPATIAL ANALYST

Proficient in GIS software, Python, SQL, delivering insights for public and private sectors. Proven leader in multiple types of projects, dedicated to supporting strategic decision-making and infrastructure development. Expert at leveraging publicly available data into useful insights.

EXPERIENCE

GEOSPATIAL ANALYST TRENDLINE INSIGHTS

January 2023 - Present

- Developed and maintained GIS databases, managing parcel data and conducting site suitability analysis for over 15 wind, solar, energy storage projects.

- Created detailed cartographic maps and dashboards, supporting infrastructure planning and environmental management initiatives.

- Leveraging AI to develop custom and advanced GIS tools and web applications.

LEAD FORESTRY TECHNICIAN

UNITED STATES DEPARTMENT OF AGRICULTURE (USDA)

Oct 2018 – Oct 2021

- Conducted mapping and spatial data analysis, analyzing trends to support infrastructure and environmental management during wildfire operations.

- Led firefighting operations during 20+ wildfires, utilizing GPS mapping for effective site planning and resource deployment.

- Managed technical aspects including radio communications, GPS systems, and field data collection.

CERTIFICATES & ACHIEVEMENTS

CCSF GIS Certificate | 2023

Lvl. 1 sUAS Thermography | 2021

FAA Part 107 Commercial Drone License | 2019

US ARMY | 2006 – 2009