

# Zoë Maymon

(410) 660-6527 • zoe.maymon@gmail.com • Hyattsville, MD • Active Secret Security Clearance

## PROFESSIONAL SUMMARY

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GIS and Data Analytics Specialist with a strong track record of turning spatial and environmental data into clear, actionable insights. Experienced across the full Esri suite, including ArcGIS Pro, ArcGIS Online, and ArcGIS Enterprise, as well as QGIS and Python (ArcPy) for geoprocessing and workflow automation. Adept at building interactive dashboards in Power BI and ArcGIS, managing geodatabases, and performing raster and vector analysis. Known for catching data quality issues early, streamlining reproducible workflows, and communicating technical findings to non-technical stakeholders. Currently seeking GIS Analyst or Data Analyst roles where spatial thinking and data-driven decision-making are front and center.

## CORE COMPETENCIES

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- Spatial Analysis & Modeling: GIS, remote sensing, geoprocessing, raster/vector analysis, spatial joins, topology checks
- Data Visualization & Dashboards: Power BI, ArcGIS Dashboards, ArcGIS Online, Report Builder, StoryMaps, Matplotlib
- Programming & Automation: Python (ArcPy, Pandas, GDAL), SQL (PostGIS, PostgreSQL, MySQL), ModelBuilder, Power Automate, R, JavaScript, Bash, Git
- Database & Cloud Platforms: Geodatabases, ArcSDE, PostGIS, AWS (S3, EC2), data QA/QC, metadata standards
- Enterprise GIS Tools: ArcGIS Server, ArcGIS Hub, ArcGIS Experience Builder, QGIS, ENVI, TerrSet, Google Earth Engine
- Collaboration & Documentation: Technical writing, cross-functional stakeholder support, reproducible workflow documentation

## SELECT ACHIEVEMENTS

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- Designed interactive Power BI dashboards that gave stakeholders real-time visibility into BIM project compliance using location-based filtering.
- Automated report distribution workflows with Power Automate, reducing manual processing time by 40%.
- Built Google Earth Engine scripts in JavaScript to analyze fire and aerosol trends across Indonesia from 2010–2020, informing regional environmental health policy.

## PROFESSIONAL EXPERIENCE

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### **BIM Data Analyst** | National Institute of Building Sciences – Washington, D.C. | Aug 2021 – Oct 2025

- Built and maintained interactive Power BI dashboards and paginated reports, enabling stakeholders to monitor BIM project compliance through location-based filtering.
- Designed Power Automate workflows to handle routine report distribution, cutting manual processing time by 40%.
- Maintained thorough technical documentation to keep geospatial data products and QC processes reproducible across the team.
- Acted as the primary liaison between geospatial and cross-functional teams, ensuring data deliverables aligned with project requirements.

### **GIS Consultant** | EcoHealth Alliance – Remote | Mar 2021 – Jun 2021

- Used JavaScript in Google Earth Engine to analyze a decade of fire and aerosol data (2010–2020) across Indonesia.
- Translated complex environmental findings into visual reports that directly supported regional policy and public health decisions.

### **Remote Sensing Intern** | DigitalGlobe (Maxar) – Remote | May 2020 – Aug 2020

- Validated satellite imagery mosaics, ensuring spatial accuracy through ground control point integration.
- Managed large-scale imagery assets in an AWS cloud environment and tested internal image-processing software.

### **GIS Intern** | Maryland Department of the Environment – Baltimore, MD | Aug 2018 – Aug 2019

- Supported Stormwater and Dam Safety programs by writing Python-based data queries and maintaining GIS database integrity.
- Assisted with field inspections and produced spatial compliance reports for state environmental regulations.

**Teaching Associate / Lab Instructor** | Clark University & UMBC – | 2017 – 2021

- Supported GIS and remote sensing coursework by leading labs, grading, and mentoring students in ArcGIS, TerrSet, and data visualization.

**GIS Research Assistant** | University of Baltimore – Baltimore, MD | Jul 2017 – Aug 2018

- Conducted spatial analysis of broadband coverage and economic growth patterns using ArcGIS and U.S. Census data.

**GIS Intern – Office of Overdose Prevention** | Maryland Department of Health and Mental Hygiene – Catonsville, MD | Oct 2016 – Dec 2016

- Analyzed opioid overdose data, produced maps, and developed shapefiles for future ArcGIS Server deployment.

## **EDUCATION**

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**Master of Science, Geographic Information Systems** — Clark University, Worcester, MA (Jun 2021)

**Bachelor of Science, Geography** (Minor in Mathematics) — UMBC, Baltimore, MD (May 2017)