

# PHILLIP E. ALEXANDER

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## Summary

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Highly dedicated and detail-oriented professional, with a versatile data analysis and GIS project management skill set developed through experience as a GIS Specialist I/Planning Assistant for over 8 years.

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## Key Skills

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Data Acquisition & Distribution	Digital, Sizable, & Map Book Production	Responsive Problem Solving
Leveraging GPS & ESRI Products	GIS Project Management & Support	Information Validation & Analysis
Database Management	Grant Application Preparation Assistance	Meetings & Public Presentations
Pursue Extra Responsibilities	Skilled in Spatial Processes & Analysis	Teamwork & Collaboration

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## Experience

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Central Shenandoah Planning District Commission, Staunton, VA

2006 to 2014

**GIS specialist I / Planning Assistant**, 2007 to 2014

**GIS Intern**, Sept. 2006 to Dec. 2007

- Excelled in providing GIS support in a wide range of subjects including: Transportation, Disaster Preparedness, and Environmental planning for a region covering five counties, seven cities, and eleven towns, and two Metropolitan Planning Organizations (MPO's)
- Planned and executed multiple GIS projects, which included: prioritizing tasks, communicating project status and timelines, requirements gathering, and producing geospatial solutions and products
- Provided custom maps and spatial analysis for a wide variety of transportation, environmental, economic, and disaster mitigation plans, projects, and meetings
- Applied appropriate data sources and map design to a variety of map products and data services
- Coordinated data acquisition and distribution among local, regional, state, and Federal agencies
- Collected, investigated, and combined important data for staff and organizations
- Continued professional development by attending webinars, user-group meetings, conferences and presentations

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## GIS Project Experience

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- Sewer and Water Infrastructure Location and Mapping Projects - Leveraged GPS and ESRI products to locate and map utility infrastructure and produce custom digital, poster sized maps, and map books
- GIS support for counties and towns without their own GIS staff - Performed parcel and zoning updates and maintenance, assisted in 911 addressing, Census PSAP and re-districting, and custom demographic and economic analysis and mapping
- Provided GIS assistance and mapping for State and Federal mandated plans such as All Hazards Plans, MPO Long Range Transportation Plans, Rural Transportation Priority Projects, and Safe Routes to School applications, etc.
- Created high-quality maps for professional documents and board-room quality maps for meetings and use by government officials
- Broadband/Telecomm mapping for Bath, Highland, and Rockbridge County Regional Broadband Development efforts

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## Education

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James Madison University, Harrisonburg, VA

2006

**B.S. in Geographic Science with dual focus in GIS and Environmental Science**