

Ian Kramer  
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#### EDUCATION

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<i>University of South Carolina, Columbia, SC</i> <b>Ph.D. in Geography</b>	<b>In Progress</b>
<i>Shippensburg University, Shippensburg, PA</i> <b>M.S. in Geography-Environmental Studies</b>	<b>2001</b>
<i>Shippensburg University, Shippensburg, PA</i> <b>B.S. in Geography-Environmental Studies</b>	<b>1999</b>

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#### AWARDS

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| • GIS Professional (GISP) Certification                      | <b>2011</b>        |
| • Grid Innovation Leaders Fellowship, Oak Ridge National Lab | <b>2011</b>        |
| • Jack Ford Memorial Scholarship, Shippensburg University    | <b>2000 – 2001</b> |
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#### TEACHING EXPERIENCE

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<i>University of South Carolina, Columbia, SC</i> <b>Instructor</b> – Introduction to Geographic Information Systems -363 Developed syllabus, overall course structure, and weekly lab practicum.	<b>2010</b>
<b>Teaching Assistant</b> – to Professor Michael Hodgson in “Introduction to Geographic Information Systems” Planned, instructed, and graded the weekly lab practicum.	<b>2009-2010</b>

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#### RELATED EXPERIENCE

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<i>South Carolina Army National Guard, Columbia, SC</i> <b>GIS Analyst</b> Administer Information Technology infrastructure to support GIS operations, maintain geodatabases, and develop GIS-based web & mobile applications.	<b>2010 - Present</b>
<i>Esri, Philadelphia, PA</i> <b>Technical Marketing Analyst</b> Developed and implemented conceptual GIS software applications, participated in the development of the Pennsylvania West Nile Surveillance program & the Pennsylvania Incident Response System, and designed state-wide GIS infrastructure for the Commonwealth of Pennsylvania.	<b>2001 - 2009</b>
<i>Pennsylvania Department of Environmental Protection, Harrisburg, PA</i> <b>Environmental, Scientific, and Technical Intern</b> Maintained Black Fly Suppression program’s GIS database, created maps to support helicopter-based larvacide spray patterns, and created public web site for the West Nile Virus Surveillance Program.	<b>2000-2001</b>
<i>Shippensburg University, Shippensburg, PA</i> <b>Watershed Analyst</b> Conducted stream sampling, performed laboratory analysis, and collected GIS datasets for the Burd Run watershed.	<b>1999-2001</b>

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## PRESENTATIONS

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- "A Study to Document the Spatial and Spectral Resolution Requirements for the Department of Homeland Security's Hurricane Information Collection Plan Essential Elements of Information (EEI)"  
Presenter at the American Society of Photogrammetry and Remote Sensing (ASPRS) Annual Conference, San Diego, CA, 2010
- "A Federated GIS Approach to Sharing Spatial Data between Local Governments for Emergency Response"  
Presenter at the Association of American Geographers Annual Conference, Baltimore, MD, 2010
- "A Federated GIS Architecture using out-of-the-box ESRI Technology"  
Presenter at the South Carolina Arc User Group Conference, Columbia, SC, 2010
- "The Evolution of Traditional Surveillance Systems into Powerful GIS Systems"  
Presenter at the Pennsylvania GIS Conference, Harrisburg, PA, 2003

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## LANGUAGES

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- English – native language

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## MEMBERSHIPS

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- Association of American Geographers (AAG)
- American Society of Photogrammetry and Remote Sensing (ASPRS)