

STEPHEN J. BAISDEN

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PROFILE

Aspiring transportation planner with strong GIS, mapping design, analytical and communication skills that allow me to generate effective solutions to a variety of urban problems. Passion for multi-modal transportation and land use development, while possessing a desire to improve the livability and connectivity within the Twin Cities Metropolitan area.

PLANNING / GIS EXPERIENCE

- **TRANSPORTATION**
 - Analyzed the feasibility of extending the Northstar Commuter Rail to St. Cloud, MN
 - Analyzed transportation efficiency and land use strategies in response to sprawl in Charlotte, NC
 - Established a City-wide Wayfinding/Signage Preliminary Plan, City of River Falls, WI
 - Applied for recognition as a Bicycle Friendly Community, City of River Falls, WI (Honorable Mention)
 - Asset management of transportation infrastructure using virtual inventory methodology in Orange County, FL
 - Provided GIS mobile field support of transportation infrastructure in Salt Lake City, Utah
- **DATA ANALYSIS / DATA MANAGEMENT**
 - Performed park inventory, created maps and completed GIS analysis of utility infrastructure for Fridley, MN
 - Assisted in complex geodatabase management and GIS analysis to build a transportation model in southwest Wisconsin and in the City of Milwaukee that assesses travel times within construction zones
 - Used customized GIS extension to assess road sign quality in urban/rural settings with GPS based referencing
 - Assessed fire station coverage and future site selection using ArcGIS Business Analyst in Rochester, MN
 - Inventoried and mapped ash trees in preparation of Emerald Ash Borer infestation, River Falls, WI
 - Analyzed statistical relationship between land use and heat island magnitude of a rapidly growing suburb, Woodbury, MN
- **(RE) DEVELOPMENT**
 - Redesigned distressed area in downtown Milwaukee using New Urbanism/Transit Oriented Design principles
 - Designed conservation and conventional subdivision plans for an 80 acre parcel in Grafton, WI
 - Created maps for public meeting on proposed business park development in River Falls, WI
 - Designed a preliminary site plan and construction drawings for a baseball field complex in River Falls, WI
 - Co-authored proposal to revitalize/historically preserve a decaying, vacant inner city mall in Milwaukee, WI
- **PROFESSIONAL WRITING**
 - Authored a matching grant proposal: "Keep Harambee Beautiful!" to the City of Milwaukee
 - Co-authored a master plan: "Growing Together: Enhancing Urban Agriculture in the City of Milwaukee"
 - Updated Planning Commission bylaws for the City of River Falls, WI

WORK EXPERIENCE

- **GIS/Field Technician**, Flat Rock Geographics/GIS Rangers (non-continuous) *2009 – Present*
- **Project Assistant**, UW-Milwaukee College of Engineering and Applied Science *2012*
- **Planning Intern**, City of River Falls, Wisconsin *Summer 2011*

EDUCATION

- **Master of Urban Planning**, Academic Honors
Emphasis: Transportation Systems and Policies
University of Wisconsin-Milwaukee, 2012
- **Bachelor of Science**, Geography, Senior Merit
Minor in Geographic Information Systems/Cartography
University of Wisconsin-River Falls, 2009

TECHNICAL PROFICIENCIES

- **ArcGIS 10.x** (ArcView, ArcCatalog, Business Analyst – extensive experience)
- **ArcPad 10.x**
- **Microsoft Office** (Word, PowerPoint, Excel, Outlook – extensive experience)
- **Adobe Design Suite** (Illustrator, InDesign, Photoshop, Flash, Dreamweaver)
- **Trimble YUMA** (tablet/mobile computer)
- **Trimble GeoExplorer CE/GeoXM** (handheld GPS unit)
- **Garmin GPS 60** (handheld GPS unit)

PUBLICATION

- Three maps in the following book:
Petkov (2008). *The Voices of Medieval Bulgaria: The Records of a Bygone Culture, 6th-15th Centuries*.
Brill Academic Publishers, Boston.

PROFESSIONAL PRESENTATION

- “*Bois Brule: River of Presidents*”, North American Cartographic Information Society, Missoula, MT, 2008
Professionally designed a two-panel map of the Brule River basin located in Northeast Wisconsin

HONORS AND AWARDS

- **Chancellor’s Award**, 2008 (outstanding service to university and community)
- **Outstanding Graduating Senior Award**, Department of Geography & Mapping Sciences, 2009
- **Student Leadership Award**, Department of Geography & Mapping Sciences, 2008 and 2009
- **Map of the Year Award**, Advanced Level, “First Bulgarian Tsardom”, 2008

MEMBERSHIP – PROFESSIONAL SERVICE – LEADERSHIP

- **American Planning Association**, 2010-Present
- **American Planning Association (Minnesota Chapter)**, 2010-Present
- **Minnesota Off-Road Cyclists**, 2012-Present
- **Milwaukee Student Planning Association**, 2010-2012
- **Conference Facilitator**, Water Summit V, Milwaukee Water Council, 2011
- **Volunteer**, Milwaukee River Spring Cleanup, 2011
- **Gamma Theta Upsilon**, International Geography Honor Society, 2008-2009
- **Student Geography Organization**, 2007-2009
 - President, 2008 and 2009
- **Member**, GIS Lab Manager Position Search Committee, UW-River Falls, 2008

For additional examples of work, please visit my online portfolio:



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