

John J Reiser

<http://njgeo.org/>

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Profile

Self-motivated and ambitious urban planner with experience in community visioning, urban design, form-based codes and site planning. Has experience with advanced spatial analysis, GIS data creation and management, cartography, and web programming relating to geospatial analysis. Developed several interactive websites dealing with geospatial data.

Work Experience

Planning/GIS Specialist – *Office of Smart Growth, State of New Jersey, Trenton, NJ*

(January 2007 – Present)

Created, reviewed and managed geographic data related to Cross Acceptance, Plan Endorsement and State Plan updates. Reviewed applications for and managed community visioning Smart Future Grants. Authored Community Visioning Standards for the Plan Endorsement process. Developed and maintained databases pertaining to Cross Acceptance, Plan Endorsement and Main Street programs.

Adjunct Professor – *Geography Department, Rowan University, Glassboro, NJ*

(January 2008 – Present)

Developed lectures and assignments dealing with advanced geographic concepts, database management and geospatial data manipulation. Authored a working class session dealing with GPS and GIS integration. Courses taught include introductory as well as advanced GIS. Topics covered include mapping science, cartography, GIS concepts, database management, spatial analysis, network analysis, and regression models.

Developer and Owner – *New Jersey State Atlas, <http://njstateatlas.com/>*

(July 2007 – Present)

Using open source technologies, developed an interactive, data-driven website delivering geospatial information through an easy to use interface. Adapted cutting-edge software to better integrate available GIS data sources.

Associate Planner – *A. Neessen Associates, Belle Mead, NJ*

(January 2006 – January 2007)

Coordinated public visioning and outreach sessions. Developed form-based codes for several projects. Produced illustrations, photosimulations and 3D models, aiding in the implementation of vision and redevelopment plans. Responsible for acquiring GIS data and producing cartography for the firm.

Teaching Assistant – *Bloustein School of Planning and Public Policy, New Brunswick, NJ*

(September 2005 – May 2006)

Assisted GIS professor with instruction and development of student assignments. Managed student grades and facilitated understanding of GIS concepts. Generated interest in course material through practical examples.

GIS Analyst – *Center for Mental Health Services and Criminal Justice Research, New Brunswick, NJ*

(November 2004 – November 2005)

Developed methodology to determine extent of pedestrian commutersheds and neighborhoods for three counties. Deliverables included maps of study area

including extent of defined neighborhoods, community nodes, demographics, and locations of social services.

GIS Analyst – Moorestown Fire District #1, Moorestown, NJ

(December 2003 – August 2004)

Worked with Fire Chief and Marshall to develop a GIS incident location system based in response vehicles. Responsibilities included GIS data development and management as well as spatial analysis to produce a vehicle guidance system for emergency response.

GIS Analyst – Rowan University, Glassboro, NJ

(May 2003 – June 2004)

Served as lead research assistant on an EPA-funded grant *Bridging Environmental Information to the Local Community*. Responsible for GIS data collection, development, processing, and analysis to produce a multi-media GIS-based CD-ROM for local community stakeholders. Coordinated extensive data collection utilizing GPS, as well as on-screen digitizing.

Web Programmer – Cam-Bel Media, Inc., Richland, NJ

(October 2001 – July 2003)

Created a customer management web application, allowing clients to submit changes or approvals to current jobs. Managed websites for clients in construction and chemical industries. Assisted others in HTML, Photoshop, and server management.

Education

Rutgers, The State University of New Jersey

Masters in City and Regional Planning, October 2006.

Concentration in Transportation Planning and Physical Planning.

Rowan University

Bachelors of Arts in Geography, May 2004.

Focused on Cultural Geography, GIS, and Cartography.

Academic Presentations

American Association of Geographers, 2004

“South Jersey Rail: Past, Present, and Future.”

Poster session based on an analysis of ridership potential along inactive rail lines.

Middle States American Association of Geographers, 2003

“Using Dynamic Mapping Resources for Watershed Education.”

Presentation based on work funded by an EPA grant. Detailed how our group developed site-specific materials on the importance of watershed quality and how outreach was conducted.

Community Involvement

Treasurer, American Planning Association, New Jersey Chapter

(October 2007 – October 2009)

Introduced online registration for the annual conference. Managed bank accounts, investments, and handled annual budget.

Buena Vista Township Environmental Committee

(January 2004 – December 2004)

Compiled GIS data for Township use. Conducted an introductory workshop on GIS concepts to Town Council. Assisted mayor and administrator with identifying environmentally sensitive areas.

Buena Vista Township Recreation Committee

(January 1999 – June 2000)

Planned park improvements. Approved new equipment purchases. Reviewed petitions for personal use of township parks, such as family reunions and picnics.

Computer Skills

Software

ArcGIS 9.x (Including ModelBuilder, Network, Spatial, and 3D Analyst tools)
Mapserver
SketchUp
Adobe Creative Suite (Photoshop/Illustrator/InDesign)
Microsoft Office
Autodesk AutoCAD

Programming/Data Languages

Perl
Python
Javascript (AJAX, HTML & XML DOM)
SQL
Visual Basic for Applications
XML

Presentation Tools

Microsoft Powerpoint
Customized Google Maps/OpenLayers
Web-based Tools (HTML/CGI/Flash)

References available upon request.