

John J Reiser, GISP
401 Lincoln Mill Road
Mullica Hill, NJ 08062
(856) 558-0131
jreiser@njgeo.org

Professional Experience

Director of Information Systems – Rowan University, Glassboro, NJ

(April 2017 – Present)

Responsible for maintenance of the University's Ellucian Banner ERP and student information system. Oversee Development and Maintenance groups producing new products for internal clients. Developed and administer project management systems using the Atlassian Jira suite. Developed best practices policies for code review, version control, and comprehensive documentation.

Business Intelligence Analyst – Rowan University, Glassboro, NJ

(October 2014 – April 2017)

Working within University Advancement and the Rowan University Foundation to optimize processes through data-driven decision making. Developed several secure ETL processes to load prospecting and biographical information on our alumni and friends of the University.

Owner and Developer – Areaplot, LLC

(July 2011 – Present)

Sole developer and system administrator of several websites providing easy access to real estate assessment information in New Jersey, Florida, and other jurisdictions. Supported through advertising and developed using an open source stack (Python and PostgreSQL on Amazon Web Services). In January 2018, NJParcels.com had over 600,000 sessions and 1.5 million pageviews from approximately 440,000 users.

Geospatial Research Laboratory Coordinator – Rowan University, Glassboro, NJ

(September 2009 – October 2014)

Managed 3 computer labs and 2 servers supporting the GIS infrastructure for Rowan University. PI on several grants to study spatial & temporal changes of environmental and agricultural data. Managed \$350,000 of external funding in fiscal year 2014. Taught 300/400-level GIS courses within the Geography Department each semester. Developed new courses, such as Geovisualization, introduction to data visualization for planners; and Web Mapping and GIS Services, an online course introducing students to web mapping and managing GIS servers.

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

(January 2007 – August 2009)

Created, reviewed, and managed geographic data and metadata related to Cross Acceptance, Plan Endorsement and State Plan updates. Conducted research on transportation projects.

Education

Rutgers, The State University of New Jersey

Masters in City and Regional Planning, October 2006.

Rowan University

Bachelors of Arts in Geography, May 2004.

Presentations and Research

Materials related to my presentations and research can be found online at <http://nigeo.org/presentations>.

Community Involvement

Member of the Board of Trustees, MAC URISA

(January 2011-December 2018; Treasurer since January 2016)

Secretary and Education Representative, New Jersey Geospatial Forum

(January 2011-December 2012)

Treasurer, American Planning Association, New Jersey Chapter

(October 2007 – October 2009)

Professional Certifications

GISP Certification (valid through July 2019)

Technology Skills

Programming/Data Languages

Some examples of my programming are available on GitHub: <https://github.com/johnjreiser>

Python

Javascript (AJAX, DOM, Node.JS, JSON)

SQL (PostgreSQL, Oracle, MySQL)

Unix-like environment (prefer to work with Bash or Zsh and Vim)

Software and Systems

Amazon Web Services (EC2, S3, CloudWatch, CodeCommit, Route 53)

Desktop GIS (ArcGIS, Quantum GIS, Google Earth, SketchUp)

Server GIS (ArcGIS Server, ArcSDE, Mapserver, Geoserver)

BI Tools (IBM Cognos, Tableau)

Atlassian Suite (Jira, BitBucket, Confluence, Crucible)

PostgreSQL and PostGIS

OpenStreetMap (developed custom tools to work with bulk imports & exports)

Adobe Creative Suite (Photoshop/Illustrator/InDesign) & Microsoft Office

Presentation Tools

Microsoft Powerpoint/Prezi

Video Tutorials and Voiceovers

Online Course Development and Training