Paul Tomchik

Full-Stack Developer–Albany Visualization and Informatics Lab (AVAIL)

Paul Tomchik is a graduate from SUNY Albany's Computer Science Department. Mr. Tomchik is working on the web-based National Performance Management Research Data Set (NPMRDS) for the NYSDOT. Mr. Tomchik lead development of a transit feed specification conversion tool for the Metropolitan Transit Authority (MTA) to simplify development for applications using transit data. Mr. Tomchik specializes in database management and system administration.

Education

- B.A. Economics and Philosophy, University of Michigan Ann Arbor, 2001;
- M.S. Computer Science, State University of New York, University at Albany, 2016;

Professional Leadership

- Internship Office of Alcoholism and Substance Abuse, Java and Oracle PL/SQL Developer, 2012
- Adjunct Professor, CS 410 Introduction to Databases

Professional Highlights

- Full Stack Developer, Albany Visualization and Informatics Lab (AVAIL), Lewis Mumford Center, University at Albany 2014-present
- Commerce Hub, Web Developer, Jan - April 2013

Related Projects

Web-based NPMRDS Congestion and Performance Measurement Dashboard - NYSDOT

Mr. Tomchik is a Developer on the New York State Department of Transportation project to employ the National Performance Management Research Data Set (NPMRDS) for Metropolitan Planning Organization (MPO) staff to identify transportation bottlenecks.

Entrepreneurial Ecosystem Atlas - Kauffman Foundation

Mr. Tomchik was a developer of The Entrepreneurial Landscape Analysis Tool project funded by The Ewing Marion Kauffman Foundation. This web-tool combines data sets with leading indicator potential overlaying information visually and geospatially - highlighting business type distributions, property value and income, and can be accessed here: http://eea.availabs.org/

Realtime Travel Information for Improving Transit Ridership – NYSERDA, MTA

Mr. Tomchik lead development for a transit feed specification conversion tool for the Metropolitan Transit Authority (MTA) to simplify development for applications using transit data. This process required management of a server for requests made for transit data as well as development of an application programming interface (API) for converting General Transit Feed Specification Realtime (GTFS-R) to Service Interface for Realtime Information (SIRI)