



## Ryan Dubowsky

*Programmer—Albany Visualization and Informatics Lab (AVAIL)*



Ryan Dubowsky is a graduate from SUNY Albany's Computer Science Department. Mr. Dubowsky has been a member of Dr. Lawson's research team for three years, working on web-based solutions to transportation and economics data challenges. Mr. Dubowsky is well-versed in HTML, CSS, and Javascript languages. His versatility working with these languages and ability to manipulate cloud-based GIS platforms allows him to communicate key insights from data in information rich visualizations.

As a member of the AVAIL team, Mr. Dubowsky ties spatial and establishment data—such as census, land use, and industry classification codes—to transportation and economics data in order to better understand issues in these fields.

### Education

- B.A. History, State University of New York at New Paltz, 2011
- M.S. Computer Science, State University of New York at Albany, 2015

### Professional Leadership

- Lead late-stage development of Entrepreneurial Ecosystem Atlas for the Kauffman Foundation.

### Professional Highlights

- Programmer, AVAIL, October 2013-Present
- Lead programmer/IT, Department of State Grant for web-tools related to Strategic Trade Controls/Internal Compliance Programs, Center for Policy Research, Rockefeller College of Public Affairs & Policy, SUNY Albany. 2016-Present.

## Related Projects

### Entrepreneurial Ecosystem Atlas - Kauffman Foundation

Mr. Dubowsky led late-stage development 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/>

### New York State Freight Plan - NYSDOT

Mr. Dubowsky was a programmer on the New York State Freight Network Atlas. The Freight Network Atlas provides a view of the state's freight-related transportation facilities and related data and can be accessed here:

<http://freightatlas.availabs.org/#/>