

# Kurt G. Raschke

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## Professional Experience

- **IT Specialist, US Census Bureau—Suitland, MD**  
September 2011 — Present

- Developed key functionality for a scalable Web-based tool to permit point-and-click design of metadata for the American FactFinder open data portal, enabling dissemination of tables from Census programs including Population Estimates Program, American Housing Survey, Census of Governments and annual Governments Division surveys. Received the US Census Bureau Bronze Medal Award for this work.
- Developed system to centralize storage of data review documentation, enforce the use of a structured review format and documentation standards, and preserve institutional memory and facilitate statistical quality audits by compiling review documentation.
- Redeveloped application to enforce security controls by managing requests for access to electronic resources, auditing access to resources and application logs, and inventorying files containing privileged data.
- Redeveloped workflow application used by analysts to track and manage data requests to meet new business requirements.
- Develop and present training materials for internal applications to diverse user communities, and provide ongoing end-user support.
- Assist database administration staff in database and system administration activities.
- Research emerging technologies to guide and inform management decisions.

- **Contributor, Mobility Lab—Arlington, VA**  
August 2011 — Present

- Launch and maintain pilot installation of OneBusAway open-source real-time transit passenger information system for Washington, D.C. metropolitan area on Mobility Lab infrastructure.
- Develop software to transform local transit agency data from proprietary data formats to standardized open data feeds.
- Contribute articles on transit technology to Mobility Lab's Web site and Mobility Lab Express newsletter.
- Liaise with regional transit agencies to improve quality and availability of open mass transit data.
- Present on transit technology topics at Mobility Lab events, including Transportation Techies meetup series and technology workshops.

- **Contributor, OneBusAway Project**  
2012—Present

- Appointed to OneBusAway Board, January 2014.
- Develop new functionality for and resolve defects in OneBusAway, an open-source framework for aggregating and disseminating transit passenger information using open data, which is in production use in New York City (as MTA Bus Time), Puget Sound, Tampa, Atlanta, and other major metropolitan areas. For more details, see <http://kgr.io/obafacts>.
- Participate in OneBusAway online community to assist present and future users of OneBusAway, including transit agencies and transit technology professionals, collaborate with peer developers, and contribute to future plans for the project.
- Present on OneBusAway at conferences, including TransportationCamp and other local events.

## **Education**

- **University of Maryland—College Park, MD**
  - Graduate studies in Information Management, 2010
  - 4.0 GPA
- **New York Institute of Technology—New York, NY**
  - Bachelor of Science in Information Technology, 2010
  - Graduated Magna Cum Laude, 4.0 GPA, with Dean's List commendations
  - Received Information Technology Faculty Award, 2010

## **Honors and Memberships**

- Bronze Medal Award, US Census Bureau
- Board Member, OneBusAway Project
- Non-voting Board Member, Action Committee for Transit