

Jordan I. Walker

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PROFILE

My background in computers from early on led to me pursuing a degree in Computer Science, and my continued interest in learning resulted in continuing on for my Graduate degree. Working with distributed systems on diverse datasets throughout my work and education history prepared me for my present position with the USGS Office of Water Information, where I work as part on the data science team to implement scientific applications for environmental data.

TECHNICAL SKILLS

Java, R, JavaScript, Perl, HTML, CSS, SQL, \LaTeX , git, NetCDF, maven, Docker, liquibase, web services, microservices, OGC standards, geospatial processing, open source software development, agile methodologies, software architecture

EXPERIENCE

<i>Computer Scientist</i>	June 2010 - Present
US Geological Survey, Middleton, WI	
<i>Student Programmer</i>	Feb 2007 - May 2010
University of Wisconsin Space Science Data Center, Madison, WI	
<i>System Administrator</i>	Mar - Dec 2006
University of Wisconsin Psychiatry Clinic, Madison, WI	

EDUCATION

MS, Computer Science
University of Wisconsin-Madison – Madison, WI
2008-2010

BS, Computer Science
University of Wisconsin-Madison – Madison, WI
2004-2008

PUBLICATIONS

- Read, Jordan S and Walker, Jordan I and Appling, Alison P and Blodgett, David L and Read, Emily K and Winslow, Luke A, 2015, *geoknife: reproducible web-processing of large gridded datasets*, Ecography.
- Blodgett, D.L., Booth, N.L., Kunicki, T.C., Walker, J.I., Lucido, J., 2012, *Description of the U.S. Geological Survey Geo Data Portal Data Integration Framework*, IEEE JSTARS.
- Blodgett, D.L., Booth, N.L., Kunicki, T.C., Walker, J.I., and Viger, R.J., 2011, *Description and testing of the Geo Data Portal: Data integration framework and Web processing services for environmental science collaboration*, U.S. Geological Survey Open-File Report 20111157, 9 p.
- Patro, A. and Ma, Y. and Panahi, F. and Walker, J. and Banerjee, S., 2011, *A system for audio signalling based NAT Traversal*, COMSNETS.
- Ormont, J. and Walker, J. and Banerjee, S., 2008, *Continuous Monitoring of Wide-area Wireless Networks: Data Collection and Visualization*, Sigmetrics Performance Evaluation Review.
- Ormont, J. and Walker, J. and Banerjee, S. and Sridharan, A. and Seshadri, M. and Machiraju, S., 2008, *A City-wide Vehicular Testbed for Wide-area Wireless Experimentation*, WiNTECH.