

## **CURRICULUM VITAE**

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## **EDUCATION**

1991–1996 - University of Wisconsin-Whitewater  
Whitewater, WI  
B.S., Geography and Urban Planning

## **EXPERIENCE**

*2001–Present - The Applied Population Lab, University of Wisconsin  
Madison, WI*

*Applications Developer/Web Developer*

- Develop web mapping and data access sites.
- Design community information systems that assist in the collection of local data.
- Key developer for the Wisconsin Redistricting Project 2010.

*1998–2001 - Wisconsin Legislative Technology Services Bureau  
Madison, WI*

*Applications Developer*

- Co-managed the year 2000 upgrade and developed Visual Basic programs for the State bill drafting system.
- Designed and created a GIS database from TIGER 2000, Census 2000, and statewide ward boundaries for use in the 2000 State Redistricting Project.
- Developed an interactive mapping application called WISE-LR for the 2000 redistricting project that allowed counties and municipalities to create supervisory, ward, and alderman districts.
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*1997–1998 - Mid-America Planning and Development  
Madison, WI*

*Planning Associate*

- Helped in the development of comprehensive plans.
- Managed all cartographic projects for comprehensive plans.
- Presented plans to communities for review.

## **MAJOR ACCOMPLISHMENTS**

- GetFacts <http://www.getfacts.wisc.edu>
- Washington County Indicator Project <http://www.washcoip.org>
- Wisconsin Redistricting Project 2010. Designed and developed the WISE-LR application that assisted communities with the recreation of voting districts.

## **TECHNICAL SUMMARY**

### *GIS Software*

- ArcInfo, Geoserver, OpenLayers, MapObjects, ArcIMS, ArcServer, ArcObjects, Centrus

### *RDBMS*

- PostgreSQL, MySQL, Oracle, Microsoft Access, Microsoft SQL

### *Programming Languages*

- Visual Basic (6.0 and .NET), ASP.NET, HTML, SQL, JavaScript, Python, XML, Java.