Jason Roebuck

GEOSPATIAL SOFTWARE DEVELOPER

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I'm passionate about technology, people, and lifelong learning.

💼 WORK EXPERIENCE

Resource Data, Inc.

Senior GIS Programmer/Analyst

12/2012 - Present

http://www.resdat.com

I develop custom GIS business solutions using industry best-practices

- Lead GIS Developer at J.R. Simplot Company's Boise, Idaho headquarters since May 2015; worked with GIS analysis team and internal infrastructure team to upgrade ArcGIS Server and implement Portal for ArcGIS; Currently developing automated imagery processing solution to monitor crop health.
- Lead GIS Developer for Alaska Gasline Development Corporation from January 2013 through May 2015; developed and maintained custom GIS web portal which provides access to webmaps and metadata from Enterprise GIS infrastructure; directed infrastructure team in proper maintenance of GIS assets; provided recommendations to business; implemented and followed industry standards for data maintenance and development workflows.
- Systems Administrator for local RDI office; maintained 30 workstations, 5 physical servers, and over 30 virtual machines.

City of Auburn

GIS Programmer/Analyst

1/2012 - 11/2012

http://www.auburnalabama.org

Chiefly responsible for city's interactive mapping applications. Led deployment of a new general-purpose, public-facing web application. Created a new data-driven enterprise mapping application for water department to better manage city's water quality data, replacing a legacy spreadsheet and manual mapping and sharing process.

Alexander City, Public Works

GIS Coordinator

4/2011 - 2/2012

http://www.alexandercityonline.com

Responsible for city-wide GIS effort. Led campaign to reorganize City's Information Technology services. Instrumental in making key design decisions. Laid foundation for city's eventual adoption of enterprise GIS.

BYU Harold B. Lee Library

GIS Specialist

3/2010 - 4/2011

http://lib.byu.edu/

Designed and began implementation and testing on an ArcGIS Server deployment for campus library, including both web and database model. Worked directly with Geospatial Librarian to understand technological capabilities of GIS within the library environment.

⚒ SKILLS

Languages

C#.NET, Ruby, Python, Javascript, T-SQL, Java

DevOps

Jenkins CI, Git/GitHub, Rake, MSBuild, GIS service management, GIS data management routines, TFS

GIS

ESRI ArcGIS 9-10.3, arcpy Python library, ArcGIS Server 9-10.3, ArcSDE Geodatabase, Enterprise GIS architecture, Leaflet

Systems Administration

Microsoft SQL Server 2008+, Windows Server, ArcGIS Server

Other Technologies

Angular 1.4.x, XAML (WPF/Silverlight), HTML/JS/CSS, Nancy, Visual Studio

🎓 EDUCATION

Brigham Young University

Geography, Geographic Information Systems
Bachelor of Science

Graduated 4/2011