STEPHEN SCOBIE

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Motivated .NET developer eager to utilize my C#, ASP, and SQL skills to build rock solid data driven web applications. My experience with data analytics, ability to explain complex processes, and juggle large data sets allow me to leverage my development skills in a way suitable for working seamlessly with multifaceted teams. I am driven by a hunger for knowledge and am always looking to learn something new.

EDUCATION

Grand Circus   October 2017 – December 2017
.Net C# Bootcamp | Detroit, MI

University of Connecticut   August 2001 – April 2003
Master of Arts in Geography, Storrs, CT

Western Michigan University   August 1997 – April 2001
Bachelor of Science in Geography - GIS Specialty

CERTIFICATES

Certificate in C++ Programming, Washtenaw Community College   2012
GIS Certificate, University of Connecticut   2001

TECHNICAL SKILLS

- C#/ASP/.NET
- SQL Server
- Alteryx

- MySQL
- phpMyAdmin
- PHP

- SPSS
- Amazon Web Services
- Linux

EXPERIENCE

Senior Statistical Analyst   April 2015 – October 2017
Intalytics, Ann Arbor, MI

Developed sales potential models for a web-based software platform that enables retail clients to create ad hoc forecasts for optimizing brick-and-mortar real estate decisions.

- Used demographics and sales histories to develop forecasting models for various businesses such as retailers, banks, and daycare facilities.
- Used Alteryx, a data-intensive BI tool, to blend statistical models, data, and reports into cohesive, replicable packages for use in SiteIntel, our proprietary, map-based web portal.
- Utilized SPSS, MS Excel, and SQL Server to quantify statistical model parameters.
- Worked with project managers to present, in a succinct way, findings from statistical research/analyses.

Database Analyst   July 2010 – August 2014
TerraSeer, Pueblo, CO

Provided data support for small, predictive analytics and web-mapping company. Built databases, constructed repair rate regression models, administered Amazon Web Services resources and provided PHP programming support for company's web applications.

- Produced 'failure rate' regression models for brake and chassis components for all vehicle types using surveys of repair data. From these I derived demand forecasts for auto parts in all U.S. counties, zip codes, states, and Canadian FSAs
- Models and associated data were composed in MS SQL Server utilizing stored procedures and T-SQL templates
- Constructed back-end MySQL databases in support of our web applications
- Migrated very large data sets between AWS instances running SQL Server, local machines, and LAMP instances on AWS
- Wrote PHP for accessing data stored in MySQL databases and returning data to Javascript function calls in the appropriate format.
- Administered all of the company's AWS resources (EC2, SES, IAM, S3) using AWS Management Console. Included servers for production, testing, and development. This included setting up and administering Amazon Linux, setting up Apache, implementing RAID, setting up cron jobs for backup, installing SSL certificates via GoDaddy.

Senior Analyst   July 2005 – July 2010
Pitney Bowes Software (aka, MapInfo Corp.), Ann Arbor, MI

Formulated location and sales forecasting models using a combination of linear and multiple regression modelling. Helped clients leverage customer intelligence to facilitate logical real estate/site location decision making.

- Acted as a trusted advisor to retailers concerning demography-based methods of forecasting sales for potential store locations.
- Aided retailers in optimizing their existing store networks.
- Queried data and presented solutions to data related problems using MS SQL Server and MS FoxPro.
- Created and analyzed geographic trade areas around client sites using MapInfo and SPSS.
- Cleaned, prepped, and translated data into various formats from various formats.
- Worked with software developers to troubleshoot statistical model integration into desktop mapping software