

# Scott E. Sobie

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(847) 293-4560  
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**SOFTWARE ENGINEER**

**WEB DEVELOPER**

**DATA ANALYST**

## CAREER SUMMARY

Respected technical professional with extensive experience in web development, data analysis, and software engineering. Successful consulting engagements in the Transportation, Education, Engineering, Medical, Retail and Food Service industries. Proven ability to deliver customer-focused solutions while meeting budget goals, delivery deadlines, and all quality metrics. Seeking to continue a track record of value-added contributions and consistently exceeding expectations for my organization.

## CORE SKILLSET

Visual Studio, C#, ASP.NET MVC, HTML, JavaScript, CSS, SQL, MS Office Automation/VBScript, VB.NET, IIS, and Git

## PROFESSIONAL EXPERIENCE

### **INTEGRITY RAIL PARTNERS**

*Data Analyst & Visualization Specialist*

**SCHAUMBURG, IL**

**2020-PRESENT**

- Collected, analyzed, and codified data for all North American railcar traffic, delivering actionable insights to the owners, lessors, and shippers involved with the railroad industry
- Performed a complete portfolio analysis of Instar Group's 7,000-railcar fleet for a prospective acquisition by Fiera Infrastructure and UBS that led to a \$350 million bid
- Prepared a deep-dive assessment for FreightCar America, detailing the fleets of over seventy-five of their competitors
- Developed web-scraping software to collect data on every major shortline railroad in North America
- Currently turning our annual forecasting reports into a real-time, subscription-based, interactive web experience

### **SCOTT SOBIE CONSULTING**

*Freelance Web/Software Developer*

**SCHAUMBURG, IL**

**2013-2020**

- Contracted and developed client-centered desktop, web, and mobile applications using Visual Studio, C#, ASP.NET, HTML, CSS, JavaScript, jQuery, SQL SMS, Java, VB.NET, PHP, Python, and MS Office Automation/VBScript
- Performed website troubleshooting for New Medical Technology, helped improve their Amazon Buy Box percentage through automated tracking software, and designed/developed landing pages for their new products and promotions
- Created training materials for US Department of Education to integrate Microsoft Access databases into their workflow
- Helped improved many of Greencore USA's KPIs, like inventory turnover rate, using QlikView dashboards
- Developed bursar tracking software for Loyola University Stritch School of Medicine to modernize their Title IV aid disbursement and scholarship awarding processes
- Partnered with House The World to codesign safe, durable, and affordable housing solutions for the Haitian relief effort
- Continued working with the Rabine Group to expand the functionality of their site-diagnostic reporting software

### **RABINE GROUP**

*Engineer/Estimator*

**SCHAUMBURG, IL**

**2011-2013**

- Developed site-diagnostic reporting software using Visual Studio, VB.NET, and MS Office Automation/VBScript that streamlined existing operations for educating prospective clients from one workday to about fifteen minutes
- Regularly performed quantity takeoffs, bid pricing/estimating, and pavement diagnostic reports, while managing the schedules and acclimation of two new interns

### **MARQUETTE UNIVERSITY**

*Senior Design Team Member*

**MILWAUKEE, WI**

**2013**

- Partnered with Strand Associates to design the reconstruction of US 18/151 (Verona Road), converting an existing at-grade intersection to a diamond interchange and an existing at-grade pedestrian walkway to a pedestrian bridge

*Physics Teacher's Assistant*

**2010-2012**

- Led laboratory sessions and became accustomed to speaking publicly and being consulted for insight and guidance

## EDUCATION

### **MARQUETTE UNIVERSITY**

Master of Science in Civil Engineering  
Bachelor of Science in Civil Engineering

**2009-2013**

GPA: 3.80/4.00  
GPA: 3.84/4.00