

# Jeremy S. Brown

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## EXPERIENCED SOFTWARE ENGINEER

Motivated, savvy, software engineer who is an expert in user interface development, with a proven track record of creating and building browser agnostic web interfaces under budget and ahead of schedule. Background includes knowledge in delivering enterprise level, n-tiered software applications with Web 2.0 components, including Ajax and web services, in C#, ASP.NET 3.5, Java, Oracle data marts and other leading technologies. Published author and recognized mentor.

### *Core competencies*

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|-------------------------|-------------------|----------------------|
| • UI design/development | • Problem solving | • Mentoring          |
| • Team leading          | • Software design | • Presenting         |
| • Public Speaking       | • Writing         | • Project management |
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### PROFESSIONAL EXPERIENCE

2008 – Present, Hubbard One (Thomson Reuters) Rochester, NY

Leading information, decision support tools and services for legal, intellectual property, compliance, business and government professionals throughout the world. Over 50,000 employees worldwide.

#### **Senior Software Engineer**

Team member in teams of 4-18 people tasked with delivering enterprise level web applications using ASP.NET 3.5, C#, Java and Oracle to 200 of the top 250 law firms in the United States, using a Web 2.0 platform frontend and an Oracle Data mart as a backend. Made extensive use of agile/scrum, test-driven development, and code reviews in order to deliver quality, user-friendly code.

- Doubled data accuracy of searching by processing upwards of 75,000 xml files every eight hours into an Oracle 10g database for loading as search parameters.
- Increased data quality by 30% by writing queries against proprietary XML based database system of SEC filings to search for companies by URL, name, stock ticker and address.
- Led team of 5 developers that rewrote UI for project with \$2 million revenue in the 6 weeks prior to release using agile/scrum, including adding web 2.0 components (Ajax components added to the application).
- Enabled Monitor Suite to be marketed to law firms that would not have otherwise bought our product by integrating Contact Networks (a data mining package that analyzes email to determine relationships between people) with Monitor Suite (a competitive intelligence platform for law firms).

2000 – 2008, Thomson Reuters

Rochester, NY

#### **Senior Software Engineer**

User interface developer on several enterprise level web applications marketed toward law firms' marketing and research divisions, in addition to smaller PC based research applications which were designed to used offline. Products were developed using ASP.NET 3.0, ASP.NET 2.0, C#, HTML, JavaScript, Ajax, CSS, JSON, web services, Visual C++ 6, PHP and Perl

- Saved company \$100,000 in licensing fees by creating reusable UI tree control in JavaScript that met customer requirements.
- Increased usage of our flagship product by 10% by developing UI for alerting infrastructure that enabled customers to do custom queries against hundreds of databases.

- Strengthened revenues of CD-ROM products by converting a 16-bit (VC++ 1.0), 7 year old application to a 32-bit platform (VC++ 6.0), allowing the product again be marketed and sold.
- Delivered project 3 weeks early, after being assigned to it when it was 4 weeks late, with less than 6 weeks in development cycle remaining.

Feb 2000 – Sep 2000, Thomson West (Thomson Reuters)

Rochester, NY

### **Test Engineer**

Performed automated and manual tests against products that created forms for law firms to deliver accurate, usable products to the customer.

- Reduced testing cycle by half by creating new methodologies to ensure forms met government specifications using automated procedures.
- Delivered products to customers early by using SQA Robot to create test scripts to automate testing.

1998 – 2000, West Group (Thomson Reuters)

Rochester, NY

### **Software Engineer**

Developed products to create customize forms for law firms that could be scanned by the required courts. These products enabled law firms to take on more clients by reducing the time taken to create the forms. Technologies used included Borland Delphi, Microsoft Visual C++ 6 and Microsoft SQL Server/Access

- Ensured myriad of products were delivered on time by context switching between platforms and products to deliver functionality for each of them.
- Prevented need for staffing increases of customer service representatives by creating administrative system for a web application that allowed customers to manage their own account, rather having to call the customer service representatives.

## **PUBLICATIONS**

Brown, Jeremy, "Crash Proof, Understanding Peter Schiff's Take on the Economic Collapse" from Technology Professional, <http://www.technologyprofessional.org/tpv2/2009/community/reading/review-of-peter-schiffs-crash-proof/>

Brown, Jeremy and Tymann, Paul, "Windows 7 Review"; Rochester Business Journal, December 2009

## **PROFESSIONAL DEVELOPMENT**

**Programming Languages:** Visual Studio 2008, C# .NET, ASP.NET 3.5, Ajax, Javascript, web services, HTML, Java, JSON, PL/SQL, SQL Server, MySQL, Pascal, Borland Delphi, C, C++, MFC, Borland C++ Builder, PHP, Perl, COM, BASIC, InstallShield

- Developed Jay-Q, a Windows desktop client for Jaiku (a Twitter competitor owned by Google), that has received over 10,000 downloads.
- Developed several small custom websites for personal and small business uses.

## **EDUCATION**

2010 (Expected), Florida Institute of Technology

Melbourne, FL

### **Master of Science, Information Technology**

Rochester Institute of Technology

Rochester, NY

### **Bachelor of Science, Computer Science**