

# Daniel Rathbone

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## Work Experience

Car Price Graph – Seattle, WA

June 2011 – present

### **Founder, Software Development Engineer**

Single-handedly designed, implemented, released, and support <http://carpricegraph.com>  
Engineered a web crawler to collect over 30,000,000 used car prices  
Released a highly-scalable website that has served over 100,000 pageviews  
Employed skills and technology: Javascript, Node.js, Redis, MongoDB, Riak, NoSQL databases

Microsoft Corporation - Redmond, WA

Sept 2010 – Jun 2011

### **Software Development Engineer in Testing (Level 2)**

Designed test automation infrastructure for Bing Search UX team's new Html5 features  
Automated tests for real-time search result previews, animated page transitions, collapsing navigation bar  
Engineered tests for a web based, high resolution data visualization platform  
Employed skills and technology: HTML5, C#, Selenium

Pelago, Inc - Seattle, WA

### **Software Development Engineer**

May 2009 - Feb 2010

Developed user location-sharing application logic and data infrastructure  
Designed object/relational data models for user-achievement features  
Created the server software for a mobile/feature-phone Twitter application  
Employed skills and technology: Java, Hibernate, Spring, Groovy, Grails, Solr, Lucene

### **Software Development Engineer in Testing**

Nov 2008 - May 2009

Developed a framework to distribute tests across servers and environments  
Automated tests for web, iPhone, and SMS server applications  
Instructed a team of 5 testers to use my test framework  
Employed skills and technology: Java, Selenium, MySQL, Linux

Microsoft Corporation - Redmond, WA

Sept 2007 – Oct 2008

**Software Development Engineer in Testing** on the Visual Studio Languages team  
Automated tests for Visual Studio's C# code generation feature "Generate from Usage"  
Invented feature "Tabular Completion Lists" and applied for patent as the lead inventor  
Coordinated paintball and whitewater rafting events for 24 summer interns on my team  
Employed skills and technology: C#, Linq, SQL Server

Advanced Commercial Banking Systems (ACBS) - New York, NY

May 2005 – Aug 2005

### **Intern** on a web application development team

Programmed logic to compare syndicated loans including tranches and credit ratings  
Developed web application front-end for clients Prudential Financial, Eaton Vance  
Employed skills and technology: C#, ASP.NET

Google, Inc. - Reston, VA

May 2004 – Aug 2004

**Technician Assistant** for Google's largest data center in the region  
Maintained Google's production hardware  
Worked on a team responsible for over 20,000 servers

## Education

Virginia Tech - Blacksburg, VA

Sept 2003 – Dec 2006

BS in Computer Science, In-Major GPA 3.7  
Overall GPA – 3.65  
Dean's list – 2004, 2005, 2006 (graduated in 3.5 years)  
Founder and President, Objectivist Club  
Member - Boxing Club, Caving Club

- Professional references available upon request -