

## Daniel J Grossman

1451 Graeme Way, Warminster, PA 18974

267-280-3589 • dan@dangrossman.info • <http://www.dangrossman.info>

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### Education

#### ***Drexel University***

Bachelor of Science in Computer Science, 2008

Philadelphia, PA

### Computer Skills

Operating Systems: Microsoft Windows (9X-Vista), Linux, SunOS/Solaris  
Programming Languages: C#.NET, C++, VB 6.0, Java, Perl, PHP, HTML, JavaScript/AJAX, SQL  
Software/Environments: Visual Studio, Eclipse, CVS, Subversion, Source Depot, Product Studio, MS Office, Photoshop, Oracle, MySQL, SQL Server, Sybase

### Work Experience

#### ***Awio Web Services LLC***

Owner

Warminster, PA  
September 2004-Present

- Developed systems to automate order processing, fraud screening, and order fulfillment
- Designed and developed website analytics service which processes over 150 database queries per second recording, analyzing and reporting on website activity for over 10,000 users' websites in real-time with a distributed, multi-server architecture
- Developed an XML-based REST API that allows users to consume and reuse website usage data in 3<sup>rd</sup> party applications
- Developed ecommerce sites which interact with multiple payment provider APIs and fraud detection service APIs
- Performed extensive server tuning and service optimization tasks, including setup and tuning of SQL queries, opcode caches, query caches, and web server output caches

#### ***Microsoft***

Software Developer (Intern)

Redmond, WA  
April 2007-September 2007

- Designed and built a C#.NET winform application and Outlook add-in for creating and collaborating on CRM data, consuming and writing to multiple web services and caching to local SQL Server CE databases
- Worked in a team to extend and fix bugs in existing ASP.NET web applications involving C#.NET backend code, SQL Server stored procedures, and Siebel web service interaction
- Planned and prototyped migration of a Microsoft Office Groove workspace application to the Microsoft Dynamics CRM platform
- Developed deployment procedures and code for enterprise-wide release of new software, including collaboration with team members across multiple countries and time zones

#### ***DuPont Marshall Laboratory***

Software Developer (Coop)

Philadelphia, PA  
April 2006-September 2006

- Worked with multiple global business groups to gather and refine software requirements and to implement feature requests into C++ software and expert systems
- Improved internationalization of software output by adding additional Unicode support and developing an audit system to automatically track missing translations
- Designed and modified Oracle database schemas, performed Oracle maintenance work and developed queries joining legacy DB2 and Oracle data

**Drexel University (The Math Forum)**

Junior Software Engineer (Coop)

Philadelphia, PA  
March 2005-September 2005

- Worked in a team to implement Java web software for routing student submissions of online math problems to mentors
- Designed and implemented a website ordering and payment system in Perl
- Designed database schemas and assisted in migration of data from Sybase to Postgres

**Access 2 Vendors, LLC.**

Software Developer

Exton, PA  
August 2002-April 2004

- Independently designed and implemented customer relationship management (CRM) / sales force automation (SFA) web-application using HTML, PHP, SQL
- Implemented features such as online lead capture, intelligent lead routing based on analytics of sales reps' past performance, resource sharing and notification, calendars and scheduling, import/export, searching and report generation

**Honors, Awards, and Professional Activity**

- Anthony J. Drexel Academic Scholarship 2003-2008
- Dean's List, College of Engineering 2004-2008
- Contributed bug reports and patches to GNU C++ compiler and pdfTeX typesetting software 2006
- Expert editor for SitePoint (technical book publisher) 2007-2008