ANDREW JUDD

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EDUCATION

John Hopkins University – Coursera   2015-2016
Data Scientist Specialization

Toastmasters International   2012-2016
- Sergeant at Arms, Vice President of Education, Mentorship Chair
- Advanced Leader Bronze, Competent Communicator

Scrum Alliance   2015
Certified Scrum Master

Microsoft   2011
- Microsoft SQL Server 2008, Database Development (70-433)
- Microsoft SQL Server 2008, Business Intelligence Development and Maintenance (70-448)
- Microsoft .NET Framework 3.5, ASP.NET Application Development (70-562)

University of Guelph   2005-2010
Bachelor of Science – Major in Computing and Information Science (Co-op)

RELEVANT EXPERIENCE

SPS Commerce / ToolBox Solutions   2010-Present
Senior Software Engineer / Senior Database Developer   2013-Present
- Acted as Scrum Master for a team of 10 developers
- Lead bi-weekly sprint planning sessions to ensure projects were completed on time and budget
- Collaborated with product owners to identify project requirements, and developers to ensure that the optimal strategy was implemented
- Formally mentored a co-worker to further develop their skills
- Performed after hours monitoring and troubleshooting of client data load processes to meet client Service Level Agreements
- Ensured code quality through code reviews
- Lead the simplification of a SQL Server Integration Services (SSIS) process by architecting a modular design
- Developed utilities to support the migration of applications into the cloud (AWS)
- Contributed technical documents to a corporate knowledge base library
- Developed custom sales based reports (backend)
- Completed performance tuning for long-running queries
- Developed custom-script components that were used to distribute server workload

Database Developer   2010-2013
- Followed scrum methodology for software development
- Created SSIS packages to load data from various data sources
- Built and queried SQL Server Analysis Services (SSAS) cubes for reporting purposes
- Developed scripts to reduce the amount of manual effort required

IcePets.Com (Part Time)   2014-Present
- Lead a remote team of artists, moderators and administrators to meet project and budget timelines
- Managed and maintained the web and database servers
- Improved user satisfaction and user experience by developing new features and functionality, continually increasing site growth
- Recoding the website using the Laravel framework and VueJs

Environment Canada   2009

Software Developer - Co-op
- Worked collaboratively with another Co-op student to port an existing application to a new server
- Worked with clients to determine the requirements for a system to keep electronic copies of images in a database
- Created the image database and a web user interface to provide the clients with an easy way of accessing the images
- Used MapServer and the OpenLayers JavaScript library to provide the clients with a 'Google Maps' style of map
- Learned and used Coldfusion in order to implement required functionality for the web applications

Toronto Transit Commission (TTC)   2008

Programmer/Developer - Co-op
- Worked with clients to determine and develop the business requirements and to develop the required functions of a new application to track safety deficiencies
- Worked collaboratively with another Co-op Student in order to complete all of the specifications and programming required in order to meet the deadlines

CIBC   2007

Test Analyst - Co-op
- Executed test cases in order to verify that the Business Banking application was working as expected
- Tested defects thoroughly in order to determine their root cause
- Logged defects as they arose throughout the testing cycle
- Created JavaScript applications which allowed testers to modify various banking files
- Created AutoIT scripts which allowed testers to effectively use Mercury Quality Center

Amgen Canada   2006

Information Services Summer Student
- Updated and provided technical support for Amgen's new Intranet site
- Learned and used SQL to analyze a discrepancy between SQL reports
- Developed Test Cases to support the new functionality of the Scientific Affairs Data Management (SADMS) system.
- Gathered Requirements from the SADMS business users and modified the traceability matrix as required

SPECIAL SKILLS
- Computer Programming - C, C++, Java, Visual Basic, OpenGL, SQL (MySQL, T-SQL), SSAS (SQL Server Analysis Services), SSIS (SQL Server Integration Services), SSDT (SQL Server Data Tools), AutoIT, Javascript, Cascading Style Sheets (CSS), PHP, ASP.NET, VB.NET, C#.NET, Coldfusion, jQuery, VueJS, AngularJS, R
- Source Control Tools - IBM Rational ClearCase, Git, Subversion, Team Foundation Server
- Microsoft Office, Windows, Macintosh and Linux Operating Systems
- Testing Packages - J-Unit, HP Quality Center, PMD, PHPUnit