Yuri Shewchuk

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Technical Acumen

Languages
- C#
- Transact-SQL
- HTML
- JavaScript
- SCSS / CSS
- C++

Frameworks
- .NET
- ASP.NET MVC / Web API
- AngularJS
- RequireJS
- jQuery
- WinForms

Tools
- Visual Studio
- Microsoft SQL Server
- MSBuild
- Subversion
- Crucible
- Target Process

Development Experience

Senior Software Developer
April 2016 - Present

Armstrong Fluid Technology

Languages
- C#
- HTML
- JavaScript

Technologies
- ASP.NET Web API
- AngularJS
- SCSS

Accomplishments
- Proposed foundational architectural changes including technology stack updates and transitioning to microservices
- Designed and led a team of 5 - 6 developers to successfully implement proof of concept for integration of third party configurator software
- Providing architectural and technical guidance on full implementation of integration of several third party software packages
- Championed adoption of scrum process within the development team and coached the team in adopting industry best practices

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Intermediate Software Developer
December 2014 - March 2016

Armstrong Fluid Technology

Languages
- C#
- HTML
- JavaScript

Technologies
- ASP.NET MVC
- jQuery
- LESS

Accomplishments
- Designed and led a team of 3 - 4 developers to successfully implement product upselling mechanism
- Designed and implemented a replacement for a highly-customized table user interface element

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Software Developer
December 2011 - October 2014

SeisWare International Inc.

Languages
- C#
- C++
- Fortran

Technologies
- WinForms
- .NET 4.0
- Crucible

Accomplishments
- Integrated and improved third party processing product leading to substantial revenue
- Assisted in upgrading SeisWare to a multi-user application for enterprise environments
- Was a key proponent of implementing code reviews throughout the development team

Intermediate Software Developer

Circle Cardiovascular Imaging Inc.

May 2010 - December 2011

Languages
- C++
- Java EE
- JavaScript

Technologies
- QT
- OpenGL
- AJAX (jQuery)

Accomplishments
- Managed the complexity of DICOM integration by abstracting implementation details from API
- Developed a 2D rendering framework which was more flexible and an order of magnitude faster
- Designed and implemented a secure pay per use system which adheres to patient privacy regulations

Software Developer

inUnison Technology Service Ltd.

August 2008 - May 2010

Languages
- C#
- T-SQL
- Classic ASP

Technologies
- ASP.NET
- SSRS
- SSIS

Accomplishments
- Designed and began implementing a long term plan to upgrade their member authentication solution
- Created and configured a full 3-tier development environment using available hardware
- Maintained over 60 internal applications and over 300 reports within a very small team

Software Development and Testing Intern

Calgary Scientific Inc.

May 2006 - August 2007

Languages
- C++

Technologies
- QT
- OpenGL

Accomplishments
- Developed a replacement for obsolete data loading and communication libraries
- Was involved in the redesign process for the flagship ResolutionMD product

Additional Experience

Non-Commissioned Member

Canadian Armed Forces, 33 Field Engineers Squadron

July 2004 - March 2007

Responsibilities
- Primary role of field engineers is to provide friendly troops with the ability to live, move, and fight while denying those abilities to the enemy
- Secondary role of field engineers is to supplement infantry forces

Accomplishments
- Held the ranks of Private, Sapper, and Corporal before resigning to focus on my civilian career

Education

Bachelor of Science in Software Engineering

University of Calgary

September 2003 - April 2008

Relevant Courses
- Software Architecture
- Introduction to Computer Graphics
- Data Structures and Algorithms
- Software Process Improvement

Accomplishments
- Published a peer-reviewed article in the Software Engineering and Knowledge Engineering 2010 journal (Experience with Maintenance of a Functional GUI Test Suite using IBM Rational Functional Tester)