

Yuri Shewchuk

Bio

Quality-driven **Software Engineer** with over **10 years** of professional experience with a penchant for solving **complex problems**. Knowledgeable and keen to produce elegant software that delivers outstanding **customer value**.

Experience

2003 2016 2019
Senior Software Engineer Scotiabank

Accomplishments

- Lead a team of 5 developers towards a major rearchitecture of self-service platform
- Designed a process framework for publishing Scotiabank-sponsored open source software
- Executed process to successfully publish new Scotiabank-sponsored open source projects
- Created and delivered a three-day training program to over 60 developers within Scotiabank

Java Developer - Cloud

Accomplishments

- Deployed secure instances of Pivotal Cloud Foundry PaaS to Microsoft Azure for production applications
- Led a team of three to win an internal inter-departmental hackathon by focusing on following industry best practices
- Implemented Banking as a Service API microservices to deliver banking functionality to software initiatives in Chile
- Continually raised the bar for code quality and test adequacy

Languages

Java Javascript

Technologies

React Spring Boot Cloud Foundry

2003 2014 2016 2019
Senior Software Developer Armstrong Fluid Technology

Accomplishments

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

Intermediate Software Developer

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

Languages

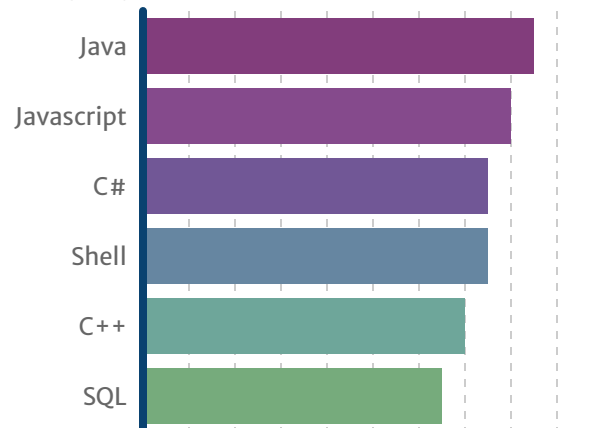
C# HTML JavaScript

Technologies

ASP.NET Web API AngularJS SCSS

Overview

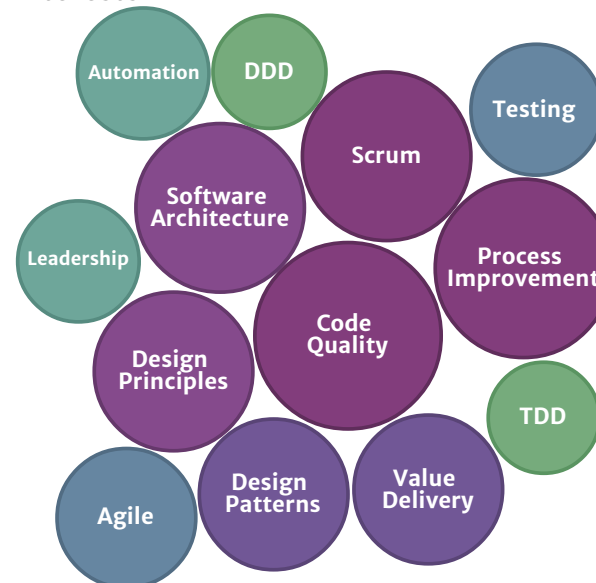
Languages



Technologies

Cloud Foundry	CSS	Spring Boot	React
Mocha	Mockito	JUnit	WireMock
.NET	Docker	Web Components	NUnit
Jasmine	Microsoft Azure	Kubernetes	
Less	Scss	Angular	
Google Cloud Platform			Jest

Interests



Hobbies

Learning



Health & Fitness



Volleyball



2003 2011 2014 2019

Software Developer SeisWare International Inc.

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

Languages C# C++ Fortran **Technologies** WinForms .NET 4.0 Crucible

2003 2010 2011 2019

Intermediate Software Developer Circle Cardiovascular Imaging Inc.

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

Languages C++ Java EE JavaScript **Technologies** QT OpenGL AJAX (jQuery)

2003 2008 2010 2019

Software Developer inUnison Technology Services Ltd.

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

Languages C# T-SQL Classic ASP **Technologies** ASP.NET SSRS SSIS

2003 2006 2007 2019

Software Development and Testing Intern Calgary Scientific Inc.

Accomplishments

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

Languages C++ **Technologies** QT OpenGL

Additional Experience

2003 2008 2008 2019

University Course Lab Designer
Dr. Vahid Garousi, University of Calgary

Responsibilities

- Planned, prepared, and documented labs for SENG 521 – Software Reliability and Testing
- Labs included topics: regression testing, unit testing, mutation testing, and test plan adequacy criteria

Accomplishments

- The lab materials were well received, and were in use for three years of the course

2004 2007 2019

Non-Commissioned Member
Canadian Armed Forces, 33 Field Engineers Squadron

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

2003 2008 2019

Bachelor of Science in Software Engineering

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)