



IEEE Okanagan Subsection Presents

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Introduction to Microsoft Azure

Time & Date: 5 pm–6 pm, Tuesday, October 18th, 2016

Location: C-240, Okanagan College, Kelowna, BC

Talk Abstract: In this session we are going to discuss several Microsoft Azure services that may be interesting for students, developer and researchers. We will start with some PaaS services that allow you to build Web Applications and Internet of Things solutions. In the first demo you will be able to see how to deploy a basic web site even without any knowledge in Azure. In the second demo we will cover IoT Hub, Stream Analytic and Power BI services. The second important topic in the presentation is Big Data. Thanks to Azure you can use lots of Big Data services like HDInsight, Data Lake and Azure Date Lake Analytics. We will discuss all of them. Right after the Big Data topic we will discuss Containers that are very popular not just in development environments but also for many tasks in production environments. You will be able to see, how to deploy containers based on Docker service. Of course, we cannot miss Azure Machine Learning. You will be able to see tools and components that you can use in order to train you ML model and publish it as a web service in order to make it available to all other services. If time permits, we will discuss Microsoft Cognitive Services and Visual Studio Team Services.

Speaker Biography: Sergii Baidachnyi is a principal developer evangelist at Microsoft. Currently residing in Canada, Sergii is responsible for working with the developer community and promoting client-development tools as a superior mechanism for creating cross-platform business applications. The author was introduced to the .NET platform circa 2001, and since that time, he has actively participated in a number of .NET projects, developing, managing, and architecting financial, medical, and multimedia applications. At the same time, Sergii led Microsoft IT Academy, where he delivered .NET-related trainings on C#, Windows Forms, ASP.NET, and so on. He has published articles and reviews in multiple IT-industry magazines and several books on ASP.NET, Silverlight, Windows Forms, and Windows 8 Development. His book about Windows 10 development is [available on Amazon](#). You can read more of Sergii's musings on his blog at <http://en.baydachnyy.com>. You can also catch him attending and speaking at Microsoft events around Canada. Sergii's twitter is @sbaidachni.

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