



DevGeekWeek 2018

17-21/6/18 | Conference Seminars | The Sharon Hotel, Herzliya

24-25/6/18 | After Event Workshops | ECO Tower, John Bryce Training, Tel-Aviv

Last year can be characterized with these two major assumptions: first, the Hi-tech industry is looking for the next evolution mainly in the Blockchain and AI worlds. Second, it does that after 'new' challenges and approaches has been stabilized and are now fairly implemented as part of software development. These challenges and new approaches includes BigData, Cloud computing, Cyber, DevOps, Microservices, IoT and more. DevGeekWeek is a paid event, tickets costs 1,300 shekels.

The conference will provide a variety of professional seminars, contents related to both assumptions mentioned earlier: all the news regarding BigData and Data Science, most popular tools and solutions for DevOps, best APIs for developing Microservices ,range of providers for native cloud development, handling structured and un-structured data, securing applications and environments & becoming IoT ready. All topics are covered for a wide range of professions including managers, data scientists, DevOps and BI, cyber experts, developers and full-stack developers. Like in every year, the conference hosts seminars for QA and QA Automation in a dedicated track.

DevGeekWeek 2018 is a 5 days event designed for managers, software & enterprise architects, developers, operation managers, development group managers, QA & test engineers, and anyone involved in the development process. Anyone can find seminars relevant to his fields of interest and get updated with the most popular technologies and solutions as well as most intriguing paths the Hi-tech industry and Internet are taking lately.

The conference includes 2 more days dedicated to hands-on seminars workshops that allows participants to experience and feel the new technologies in equipped classrooms rather than theoretically talk about it.

The conference is a unique opportunity for face-to-face communication with experts and top guru speakers who present the latest trends in software development technologies and related fields.

This year **DevGeekWeek 2018** includes plenty of NEW seminars, which provides an up-to-date coverage of Software Development. Among new seminars, you will be able to find latest evolvments in AI, Machine Learning & deep learning, understand Crypto Coins, ICO and the Blockchain networks enthusiasm, reveal latest solutions in handling BigData & In-Memory grids and get up-to-date news of your preferred development technologies and programming languages.



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- 10 Learning Tracks
- About 80 full-day seminars
- Hands-on Workshops

| Keep your skills up to date with the latest technologies |
| Network with leading Innovators & best experts |

DevGeekWeek 2018 learning tracks (For the seminars list, click on the track name):

- [Techs of the Future : Blockchain, ML & AI](#)
- [IoT & Native Mobile](#)
- [Development – Web & Integration APIs](#)
- [Managers & Software Architects](#)
- [DevOps](#)
- [Big Data & Data Science](#)
- [Cloud Development](#)
- [Cyber & Security](#)
- [QAWeek](#)
- [After Event Workshops](#)

Techs of the Future : Blockchain, ML & AI

This track includes range of seminars which addresses the newest and trendiest issues in software development world today. In this track you'll be able to find AI & Machine-learning seminars. All aspects of machine learning are related (for example – neuron networks for deep learning) and leading programming languages and in-memory solutions for ML.

The track also contains Blockchain seminars. The seminars introduces and details regarding the technology, Blockchain programming on leading platforms, crypto-currencies, ICO and most important than all – where is it all going in terms of regulation and industry influence.

Sunday – 17/6/18	
44103	Practical Machine Learning with Spark & R
Monday – 18/6/18	
44190	Machine Learning - For Testers
Wednesday – 20/6/18	
44144	Modern Machine Learning & AI for Architects
Thursday – 21/6/18	
44130	Blockchain -All you need to know
44160	Practical Machine Learning with Python
44161	Create Digital Assets & Coins with Ethereum & HyperLedger Blockchain Ecosystems

IoT & Native Mobile

Mobile

This part includes seminars dedicated to Android development and discusses development platforms and marketing like Google Go

IoT

The interest in present and future internet client, K.A IoT, increases dramatically. IoT offers an amazing platform for extending business activity and make services match new set of purposes. Availability & personalization gets new exciting meaning when IoT as an end-client and new .connection channels, with less UI, are established

In this part of the track you'll be able to find seminars focusing on the business opportunities that IoT offers and learn how to make your organization / services IoT ready in both technological and businesswise.

Sunday – 17/6/18	
44109	מהפכת הארגון הדיגיטלי למנהלים – חידושים ומגמות בעולם (Mobile, Web, Blockchain, IOT)
Wednesday – 20/6/18	
44152	IoT Communication and Networks
44166	Native Android Development with Google Play/ Oreo – Latest Android Development

Development – Web & Integration APIs

Dev Engineering

Seminars in Dev Engineering generally focuses on advanced Java & .NET development. Java developers can get the latest offering in Java 9, Spring 5 seminars. .NET developers can enhance their skills with advanced C# development.

This section includes Python and embedded programming as well as practical Full-stack development with Java, C# & JavaScript.

Web Development

This part is mostly about up-to-date technologies for creating Single Page Apps (SPAs) and using JavaScript based libraries on server-side. You'll be able to have a closer look at leading Client MVC techs like React.js & Angular.js and find wide range of seminars relates to advanced, server-side and full-stack JavaScript programming.

Integration

These seminars mostly focused on HTTP based web integration and exposing business logic as web-service / Microservice. REST & RESTful seminars can be found, relating to practical implementation in various platforms and languages (like Java-Spring, .NET, JavaScript & Python) and the challenges raised when shifting to Microservices.

Sunday – 17/6/18	
44105	Creating Single Page Apps (SPA) with Java Script and TypeScript
44106	Reactive Programming Using RxJS
Monday – 18/6/18	
44118	JAVA Microservices & Full Stack Development (REST & Angular)
44164	JavaScript for Experts – ecmaScript 6,typescript and better performance
44170	Introduction to Cyber threats for Developers
44192	NET Fullstack Development – Building & Deploying Microservices

44195	IoT – Internet Of Things – Challenges, Techs.& Trends
Tuesday – 19/6/18	
44131	Enhancing your Java R&D with Scala
44139	Cyber and Secured Programming – Guidelines, Considerations & Techniques
44194	שפת Kotlin בפיתוח אפליקציות לאנדרואיד
44196	UX – Practicalities and Workshop
Wednesday – 20/6/18	
44146	Java – JSE-8 & 9 – New Features and Enhancements – Deep Dive
44147	JavaScript FullStack – Angular with Node.js RESTful Services
Thursday – 21/6/18	
44119	Angular 5.0 with TypeScript
44162	Java – JVM Internals and Concurrency – Advanced
44163	Extreme SPA with React.js
44161	Create Digital Assets & Coins with Ethereum & HyperLedger Blockchain Ecosystems
44104	Spring Framework, Boot, Web Services & Spring 5 New Features
Sunday – 24/6/18	
44176	Streams, Functional & Reactive Programming with Java – Workshop
Monday – 25/6/18	
44132	Modern Web Applications With Node.JS

Managers & Software Architects

Sunday – 17/6/18	
44107	DevOps and Continuous Delivery Fundamantal For Managers
44110	Upgrade your product and system with BI and Analytics
44109	מפת דרכים- מילון מונחים טכנולוגיים וחדשנות בעולם ההי-טק (Mobile, Web, Blockchain, IOT)
44101	מפת דרכים- מילון מונחים טכנולוגיים וחדשנות בעולם ההי-טק
44102	עקרונות לחשיבה חיובית The bright side
Monday – 18/6/18	
44123	Upgrade your business via FaaS (Function as a Service), Microservices & Native cloud
44116	סוגיות ושיטות בניהול פרויקטים טכנולוגיים בעידן החדש
44128	Storytelling- כיצד להפוך מסר לסיפור ולמקסם הצלחה של המוצר/החברה שלך
44193	ניהול זמן הדור הבא – כלים חדשים למקסום הפוטנציאל האישי והמקצועי
Tuesday – 19/6/18	
44115	CTO And VP R&D Update – New Trends that Every CTO And VP R&D MUST Know
44129	בידול שיווקי למינוף עסקי? Whats The Different?
44189	Road Map Technologies for Testers
Wednesday – 20/6/18	
44143	משא ומתן – הסודות שמאחורי הקלעים
44144	Modern Machine Learning & AI for Architects
Thursday – 21/6/18	
44159	אתגרים והצלחות בניהול הטלנט הארגוני בסביבה הטכנולוגית והפיתוח
44130	Blockchain -All you need to know

44113	Testing & Automations RoadMap2018 for testing Managers (SW Testing Innovation)
44171	Automation testers strategy for developers and QA managers

DevOps

DevOps is an essential business-driven delivery approach that involves the business managers as well as the development, operations and the QA departments to collaborate in continuously to deliver the product or service. The heart of DevOps is automating the process between development to operation and by that to provide highly agile projects.

Lately, the usage of DevOps automated tools for testing, versioning, deploying, integrating and all other Dev-to-Op phases became very popular. This is due to the nature of IT and Web applications which forces intense updates.

This track helps to define DevOps, understand the need and benefit, and see how it is done in the field via practical tools. The track also provides focused seminars on different automated fields in the DevOps world.

Sunday – 17/6/18	
44107	DevOps and Continuous Delivery Fundamantal For Managers
Monday – 18/6/18	
44108	Leveraging PowerShell for DevOps & Development Lifecycle
44120	Dynamic Pipelines and Continuous Delivery with Jenkins
44121	DevOps solutions and tools for BigData
Tuesday – 19/6/18	
44133	Automating microservices with DevOps
44134	Rundeck – using runbook automation for your orchestration needs
44140	Testing implementation in Devops
Wednesday – 20/6/18	
44149	GIT from Beginners to Advanced

44151	Advanced Jira – Expanding Jira to support the business
Sunday – 24/6/18	
44177	Automating deployment, scaling and operations with Kubernetes Workshop
44150	DevOps & Cloud Native on the Public Cloud
44191	Terraform-Infrastructure as Code
Monday – 25/6/18	
44179	What is Ansible and how to use it
44180	Docker Containers Best Practices Workshop

Big Data & Data Science

The amount of data keeps on rising intensively and there is no end in the horizon... same happens with the amount of internet clients and data consumers. This effects everything: infrastructure capabilities, BI and software development – all shifts to automation in order to face the huge quantities of information and its intensity but still – seems like we've just started – the real big data is ahead of us.

Data scientist describes wide range of skills in the Data world. This professionalism includes managing, processing, crawling, transferring, manipulating, storing and loading data. This can be done in endless ways by lot of tools and frameworks. Data oriented strategic decisions requires strong understanding of many data-oriented aspects and the ability to choose the right path means a lot to the organization today.

This track contains wide range of seminars, all dedicated to Big Data and Data Science.

Sunday – 17/6/18	
44110	Upgrade your product and system with BI and Analytics
44103	Practical Machine Learning with R
Monday – 18/6/18	
44121	DevOps solutions and tools for BigData
44125	In Memory Data Grids and NOSQL, Executing Business transactions and Analytics faster than ever
Tuesday – 19/6/18	
44137	NoSQL databases: technologies and use cases for the enterprise
Wednesday – 20/6/18	
44154	Hadoop Ecosystem Fundamentals & Absractors (Pig, Hive, Hbase)
Thursday – 21/6/18	
44168	Monitor Your Application With Elastic Stack

44169	Advanced SQL – Practical Techniques and Use-Cases
44160	Practical Machine Learning with Python

Cloud Development

The industry provides endless range of tools and frameworks for dealing with high concurrencies and lots of data. One of the most relevant is Cloud computing and the infrastructure it offers. High availability, auto-scaling & security never been so relevant and important – all these lead to cloudy skies.

Recently, some solutions became mature and popular. SaaS became much richer and offers solutions for ML and native programming. Microservices requires massive infrastructures are also push organizations to native cloud development.

This track discusses all cloud issues in various seminars. Some seminars dedicated to popular providers like AWS, Azure and Google.

Sunday – 17/6/18	
44167	System Operations on AWS
Monday – 18/6/18	
44123	Upgrade your business via FaaS (Function as a Service), Microservices & Native cloud
Tuesday – 19/6/18	
44136	Native Cloud Development with AWS
Wednesday – 20/6/18	
44153	Native Cloud Development with Azure

Cyber & Security

The more we 'compute' our lives and exploit the internet to do more new things never done before – the more incentive cyber criminals gets. Today, huge systems with millions of dollars spent for protecting and hardening can collapse due to some young talented hacker... This problematic fact doesn't leave any choice but to become security aware.

Getting this awareness will improve the software components stability. Assume everything that can be attacked – will be attacked.

This track relates to many Cyber aspects relevant for software development in general, language specific solutions and securing mobile and web applications.

Monday – 18/6/18	
44170	Introduction to Cyber threats for Developers
44156	Securing your business – Cyber, Resilience, Web Threats, Environment hardening
Tuesday – 19/6/18	
44139	Cyber and Secured Programming – Guidelines, Considerations & Techniques



While a few years back notions such as BDD, CI, CD in the Testing arena were considered a fantasy for every testing/development manager, today it has become a reality. Most of us work with OS tools, in agile/CI/CD mode, and most of our work is directed at cloud-based Testing. As progress is ongoing in Development and Technological arena for Machine learning, IOT etc, the Testing arena is also progressing fast.

This year, on top of highlighting the ongoing changes in the testing arena, we will shed a light on testing in the ever-progressing technological world. This year, our yearly convention emphasizes testing in a technological world, automated testing and other innovations and inventions in the field.

The most professional yearly testing convention in Israel, QA GeekWeek, offers several venues and advanced training for QA executives, testing professionals, decision makers and performance personnel. We will focus on testing these advanced technologies – automated testing, BDD, CD, DevOps, and performance testing, including simultaneous monitoring. We will discuss the central trends in the testing arena, and focus on the most advanced tools and methods for the optimization of testing procedures.

Sunday – 17/6/18	
44114	Cyber & Security Testing
44183	Monitoring Performance & Load testing
44188	SQL for Testers
44181	Codeless Test Automation
Monday – 18/6/18	
44126	OpenSource Test Automation tips and tricks – meet the expert
Tuesday – 19/6/18	
44140	Testing implementation in Devops
44142	API & component testing
44189	Road Map Technologies for Testers

44172	Java Script Unit Testing with Protractor & other tools
Wednesday – 20/6/18	
44157	The Fastest Route to Mobile Testing
44185	Testing Advanced – Agile, BDD, RBT, MBT and more
44127	Best Practice of UX Testing
Thursday – 21/6/18	
44113	Testing & Automations RoadMap2018 for testing Managers (SW Testing Innovation)
44171	Test Automation – Designs, Trends & Tools
44173	Testing on Cloud - דגשים וטיפים לבדיקות בענן ופתרונות קיימים
44182	תהליכי פיתוח ובדיקות בסביבת Agile
44141	מתודולוגיות ותפיסות בניהול בדיקות ותיכונן
Sunday – 24/6/18	
44178	Moving To BDD- Steps for good implementation -Workshop

After Event Workshops

Sunday – 24/6/18	
44177	Automating deployment, scaling and operations with Kubernetes Workshop
44150	DevOps & Cloud Native on the Public Cloud
44176	Streams, Functional & Reactive Programming with Java – Workshop
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