



## 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](#)
- [QAGeekWeek](#)
- [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	<a href="#">Practical Machine Learning with Spark &amp; R</a>
Monday – 18/6/18	
44190	<a href="#">Machine Learning - For Testers</a>
Wednesday – 20/6/18	
44144	<a href="#">Modern Machine Learning &amp; AI for Architects</a>
Thursday – 21/6/18	
44130	<a href="#">Blockchain -All you need to know</a>
44160	<a href="#">Practical Machine Learning with Python</a>
44161	<a href="#">Create Digital Assets &amp; Coins with Ethereum &amp; HyperLedger Blockchain Ecosystems</a>

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	<a href="#">מהפכת הארגון הדיגיטלי למנהלים – חידושים ומגמות בעולם (Mobile, Web, Blockchain, IOT)</a>
Wednesday – 20/6/18	
44152	<a href="#">IoT Communication and Networks</a>
Thursday – 21/6/18	
44166	<a href="#">Native Android Development with Google Play</a>



## 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	
44104	<a href="#">Spring Framework, Boot, Web Services &amp; Spring 5 New Features</a>
44105	<a href="#">Creating Single Page Apps (SPA) with Java Script and TypeScript</a>
44106	<a href="#">Reactive Programming Using RxJS</a>
Monday – 18/6/18	
44118	<a href="#">JAVA Microservices &amp; Full Stack Development (REST &amp; Angular)</a>
44164	<a href="#">JavaScript for Experts – ecmaScript 6, typescript and better performance</a>
44170	<a href="#">Introduction to Cyber threats for Developers</a>
44192	<a href="#">NET Fullstack Development – Building &amp; Deploying Microservices</a>
Tuesday – 19/6/18	
44131	<a href="#">Enhancing your Java R&amp;D with Scala</a>
44132	<a href="#">Advanced Web Application with Node.js And Microservices</a>
44139	<a href="#">Cyber and Secured Programming – Guidelines, Considerations &amp; Techniques</a>
Wednesday – 20/6/18	
44146	<a href="#">Java – JSE-8 &amp; 9 – New Features and Enhancements – Deep Dive</a>
44147	<a href="#">JavaScript FullStack – Angular with Node.js RESTful Services</a>
Thursday – 21/6/18	
44119	<a href="#">Angular 5.0 with TypeScript</a>
44162	<a href="#">Java – JVM Internals and Concurrency – Advanced</a>
44163	<a href="#">Extreme SPA with React.js</a>
44161	<a href="#">Create Digital Assets &amp; Coins with Ethereum &amp; HyperLedger Blockchain Ecosystems</a>
Sunday – 24/6/18	
44176	<a href="#">Streams, Functional &amp; Reactive Programming with Java – Workshop</a>

Managers & Software Architects

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

44113	<a href="#">Testing &amp; Automations RoadMap2018 for testing Managers (SW Testing Innovation)</a>
44171	<a href="#">Automation testers strategy for developers and QA managers</a>

## 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	<a href="#">DevOps and Continuous Delivery Fundamantal For Managers</a>
Monday – 18/6/18	
44108	<a href="#">Leveraging PowerShell for DevOps &amp; Development Lifecycle</a>
44120	<a href="#">Dynamic Pipelines and Continuous Delivery with Jenkins</a>
44121	<a href="#">DevOps solutions and tools for BigData</a>
Tuesday – 19/6/18	
44133	<a href="#">Automating microservices with DevOps</a>
44134	<a href="#">Rundeck – using runbook automation for your orchestration needs</a>
44140	<a href="#">Testing implementation in Devops</a>
Wednesday – 20/6/18	
44149	<a href="#">GIT from Beginners to Advanced</a>
44151	<a href="#">Advanced Jira – Expanding Jira to support the business</a>
Sunday – 24/6/18	
44177	<a href="#">Automating deployment, scaling and operations with Kubernetes Workshop</a>
44150	<a href="#">DevOps Engineering Cloud</a>
44191	<a href="#">Terraform-Infrastructure as Code</a>
Monday – 25/6/18	
44179	<a href="#">Configuration Management tools Workshop- (Puppet, Ansibel, Chef)</a>
44180	<a href="#">Docker Containers Best Practices Workshop</a>

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	<a href="#">Upgrade your product and system with BI and Analytics</a>
44103	<a href="#">Practical Machine Learning with Spark &amp; R</a>
Monday – 18/6/18	
44121	<a href="#">DevOps solutions and tools for BigData</a>
44125	<a href="#">In Memory Data Grids and NOSQL, Executing Business transactions and Analytics faster than ever</a>
Tuesday – 19/6/18	
44137	<a href="#">NoSQL databases: technologies and use cases for the enterprise</a>
Wednesday – 20/6/18	
44154	<a href="#">Hadoop Ecosystem Fundamentals &amp; Absractors (Pig, Hive, Hbase)</a>
Thursday – 21/6/18	
44168	<a href="#">Monitor Your Application With Elastic Stack</a>
44169	<a href="#">Advanced SQL – Practical Techniques and Use-Cases</a>
44160	<a href="#">Practical Machine Learning with Python</a>

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	<a href="#">System Operations on AWS</a>
Monday – 18/6/18	
44123	<a href="#">Upgrade your business via FaaS (Function as a Service), Microservices &amp; Native cloud</a>
Tuesday – 19/6/18	
44136	<a href="#">Native Cloud Development with AWS</a>
Wednesday – 20/6/18	
44153	<a href="#">Native Cloud Development with Azure</a>

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.

<b>Monday – 18/6/18</b>	
44170	<a href="#">Introduction to Cyber threats for Developers</a>
<b>Tuesday – 19/6/18</b>	
44139	<a href="#">Cyber and Secured Programming – Guidelines, Considerations &amp; Techniques</a>
<b>Wednesday – 20/6/18</b>	
44156	<a href="#">Securing your business – Cyber, Resilience, Web Threats, Environment hardening</a>
<b>Monday – 25/6/18</b>	
44112	<a href="#">A Hacker's world: How to exploit code</a>



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	<a href="#">Cyber &amp; Security Testing</a>
44183	<a href="#">Monitoring Performance &amp; Load testing</a>
44188	<a href="#">SQL for Testers</a>
Monday – 18/6/18	
44126	<a href="#">OpenSource Test Automation tips and tricks – meet the expert</a>
44127	<a href="#">Best Practice of UX Testing</a>
44187	<a href="#">From escaping defect to STLC (SW Testing Life Cycle)</a>
44190	<a href="#">Machine Learning -For Testers</a>
Tuesday – 19/6/18	
44140	<a href="#">Testing implementation in Devops</a>
44141	<a href="#">מתודולוגיות ותפיסות בניהול בדיקות ותיכנון</a>
44142	<a href="#">API &amp; component testing</a>
44189	<a href="#">Road Map Technologies for Testers</a>
Wednesday – 20/6/18	
44157	<a href="#">The Fastest Route to Mobile Testing</a>
44158	<a href="#">Real Testing Scenario Strategy</a>
44185	<a href="#">Testing Advanced – Agile, BDD, RBT, MBT and more</a>
Thursday – 21/6/18	
44113	<a href="#">Testing &amp; Automations RoadMap2018 for testing Managers (SW Testing Innovation)</a>
44171	<a href="#">Test Automation – Designs, Trends &amp; Tools</a>
44173	<a href="#">דגשים וטיפים לבדיקות בענן ופתרונות קיימים - Testing on Cloud</a>
44182	<a href="#">תהליכי פיתוח ובדיקות בסביבת Agile</a>
Sunday – 24/6/18	

44178	<a href="#">Moving To BDD- Steps for good implementation -Workshop</a>
<b>Monday – 25/6/18</b>	
44181	<a href="#">Codeless Test Automation Workshop</a>

### After Event Workshops

<b>Sunday – 24/6/18</b>	
44177	<a href="#">Automating deployment, scaling and operations with Kubernetes Workshop</a>
44150	<a href="#">DevOps Engineering Cloud</a>
44176	<a href="#">Streams, Functional &amp; Reactive Programming with Java – Workshop</a>
44178	<a href="#">Moving To BDD- Steps for good implementation -Workshop</a>
44191	<a href="#">Terraform-Infrastructure as Code</a>
<b>Monday – 25/6/18</b>	
44179	<a href="#">What is Ansible and how to use it</a>
44180	<a href="#">Docker Containers Best Practices Workshop</a>
44181	<a href="#">Codeless Test Automation Workshop</a>
44112	<a href="#">A Hacker's world: How to exploit code</a>