

Agility

Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Agile at Scale: Inspired by Spotify	AGILE-SCALE-01-02	Joakim Sundén	2	tweak-it, ship-it, build-it, think-it, spotify-model, agility, scaling-agile, agile	Nov 6th - 7th	Feb 24th - 25th	Jun 22nd - 23rd		Nov 5th - 6th
Effective Enterprise Agile Transformation with Portia Tung	AGILE-TRANSFORMATION-01-03	Portia Tung	3	negotiation, organisational-change, enterprise-transformation, agile-transformation, agile			Jun 3rd - 5th		Nov 18th - 20th
Introduction to the Large-Scale Scrum (LeSS) Framework	LESS-01-01	Martine Devos	1	autonomous-teams, empiricism, scaling-agile, less, agile	Dec 18th - 18th	Feb 26th - 26th		Jul 15th - 15th	Nov 20th - 20th
Martine Devos' Certified Scrum Master, Estimation & Planning Class	SCRUM-MD-01-02	Martine Devos	2	scrummaster, project-management, organisational-development, scrum-master, csm, certified-scrum-master, agility, estimation, scrum, agile	Dec 16th - 17th Nov 4th - 5th	Feb 24th - 25th Mar 23rd - 24th	May 18th - 19th	Jul 13th - 14th	Oct 1st - 2nd Dec 14th - 15th Nov 18th - 19th
Product Discovery and Delivery in the Real World	PRODUCT-DISCOVERY-01-02	Gordon Weir	2	leadership, agile-development, product-strategy, organisational-design, roadmap, product-delivery, discovery, agile	Dec 9th - 10th	Feb 10th - 11th	May 14th - 15th	Aug 3rd - 4th	Oct 27th - 28th

Android

Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Brian Egan's Flutter and Dart Workshop	FLUTTER-01-02	Brian Egan	2	android, mobile-applications, dart, flutter, ios, mobile	Oct 22nd - 23rd	Mar 17th - 18th		Jul 2nd - 3rd	Oct 20th - 21st

Architecture

Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Domain Models in Practice: DDD, CQRS & Event Sourcing with Marco Heimeshoff	CQRS-MH-01-03	Marco Heimeshoff	3	domain-modelling, semantic-code, event-sourcing, cqrs, event-driven, domain-driven-design, ddd, architecture	Nov 25th - 27th	Jan 13th - 15th (US) Feb 24th - 26th	Jun 1st - 3rd May 18th - 20th (US)	Aug 24th - 26th Aug 12th - 14th (US)	Nov 30th - Dec 2nd Dec 7th - 9th (US)

Architecture									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Fast Track to RESTful Microservices	REST-MICRO-01-03	Jim Webber	3	operations, governance, security-protocols, event-driven-systems, monoliths, hypermedia, restful-services, web-architecture, enterprise-architecture, distributed-systems, rest, continuous-delivery, architecture, microservices	Nov 11th - 13th		May 4th - 6th (US) Jun 1st - 3rd		Nov 2nd - 4th (US) Dec 7th - 9th
Russ Miles' Microservices Workshop	MICROSERVICES-01-03	Russ Miles	3	reactive-microservices, decoupling, event-driven, simplicity, anti-fragility, ddd, architecture, microservices		Jan 29th - 31st	May 20th - 22nd		Oct 26th - 28th
Software Architecture for Developers Workshop	SOFTWARE-ARCHITECTURE-02-02	Robert Smallshire	2	software-architecture, architecture	Dec 2nd - 3rd	Mar 9th - 10th	Jun 1st - 2nd	Sep 7th - 8th	Dec 3rd - 4th
Strategic DDD & Sociotechnical Architecture with Kacper Gunia and Nick Tune	STRATEGIC-DDD-01-02	Nick Tune Kacper Gunia	2	eventstorming, bounded-contexts, software-architecture, domain-driven-design, continuous-delivery, architecture, microservices	Nov 18th - 19th (US)	Feb 17th - 18th	May 21st - 22nd May 4th - 5th (US)	Aug 24th - 25th Aug 3rd - 4th (US)	Nov 19th - 20th Oct 5th - 6th (US)
Uncle Bob's Clean Architecture	CLEAN-ARCHITECTURE-01-03	Uncle Bob (Robert C. Martin)	3	humble-objects, boundaries, decoupling, component-coupling, module-design, architecture, clean-architecture	Dec 4th - 6th		Jun 1st - 3rd		Dec 2nd - 4th

Cloud									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Fast Track to AWS Fundamentals	AWS-01-03	Derya Sezen Onur Salk	3	amazon-s3, amazon-aws, cloud-architecture, amazon-ecs, amazon-ec2, cloud	Dec 11th - 13th				
Real-time Systems with Spark Streaming and Kafka	CLOUD-DATA-01-02	Jesse Anderson	2	spark-streaming, real-time-applications, apache-spark, apache-kafka, cloud			May 21st - 22nd		Dec 8th - 9th
Secure Cloud Native Architecture	CLOUD-SECURITY-01-03	Andrew Martin	3	identity-access-management, monitoring, data-protection, security, cloud, cloud-native-infrastructure		Mar 23rd - 25th	Jun 29th - Jul 1st	Sep 21st - 23rd	Dec 7th - 9th

Data									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Brian Sletten's Data Science with Python Workshop	DATA-SCIENCE-02-03	Brian Sletten	3	visualisation, data-science, machine-learning, big-data, data	Nov 18th - 20th	Feb 17th - 19th	Jun 29th - Jul 1st		Nov 16th - 18th
Deep Dive into Fullstack GraphQL with Eve Porcello	GRAPHQL-01-02	Eve Porcello	2	express.js, nodejs, apollo, graphql, data, react	Dec 5th - 6th	Feb 24th - 25th	May 12th - 13th (US)	Jul 6th - 7th	Oct 13th - 14th (US) Nov 16th - 17th
Elasticsearch for Developers with Itamar Syn-Hershko	ELASTICSEARCH-DEV-01-03	Itamar Syn-Hershko	3	data, kibana, logstash, elastic, search-engines, seo, elk, elasticsearch	Dec 16th - 18th	Jan 27th - 29th	May 18th - 20th	Aug 24th - 26th	Nov 30th - Dec 2nd
Fast Track to Machine Learning with Louis Dorard	MACHINE-LEARNING-01-03	Louis Dorard	3	predictive-analytics, artificial-intelligence, data-science, scikit-learn, machine-learning, big-data, data	Dec 2nd - 4th	Feb 12th - 14th	Apr 20th - 22nd	Jul 8th - 10th	Oct 19th - 21st
Leonardo De Marchi's Deep Learning Fundamentals	DEEP-LEARNING-01-02	Leonardo De Marchi	2	ai, keras, deep-learning, bigdata, artificial-intelligence, machine-learning, big-data, data	Oct 22nd - 23rd	Jan 27th - 28th		Jul 6th - 7th	Oct 19th - 20th

Ops									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Advanced Docker for Enterprise Operations	ADV-DOCKER-01-02	Matt Saunders	2	docker-enterprise-operations, docker-cloud, docker, devops	Nov 28th - 29th				
Fast Track to DevOps Fundamentals	DEVOPS-02-02	Derya Sezen	2	automation, cicd, continuous-delivery, devops	Dec 16th - 17th				
Introduction to Docker Fundamentals	INTRO-DOCKER-01-02	Matt Saunders	2	containerization, orchestration, ci/cd, docker, devops	Nov 26th - 27th	Mar 23rd - 24th	Jun 22nd - 23rd	Sep 28th - 29th	Dec 14th - 15th
Observability: Fundamentals and Practice with Liz Fong-Jones	OBSERVABILITY-01-02	Liz Fong-Jones	2	tracing, application-performance-management, opentelemetry, microservices, observability, devops		Mar 9th - 10th	Jun 11th - 12th	Sep 21st - 22nd	

Discovery									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Alberto Brandolini's EventStorming Workshop	EVENTSTORMING-01-02	Alberto Brandolini	2	ddd, design, domain-events, eventstorming, software-architecture, ddd, discovery	Nov 13th - 14th		Jun 3rd - 4th		

Discovery									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Jenny Martin's BDD From Start to Finish - Successful Delivery through Continuous Collaboration	BDD-FASTTRACK-01-03	Jenny Martin	3	impact-mapping, lean, ddd, specification-by-example, continuous-acceptance, story-mapping, oopsi, oopsi-mapping, continuous-delivery, tdd, bdd, discovery		Mar 16th - 18th		Jul 8th - 10th	Nov 2nd - 4th
Martine Devos' Certified Scrum Product Owner	PRODUCT-MD-01-02	Martine Devos	2	estimation, product-backlog, agile-principles, discovery, scrum, product-owner	Oct 29th - 30th Dec 12th - 13th	Mar 26th - 27th Feb 20th - 21st	May 21st - 22nd	Sep 28th - 29th Jul 9th - 10th	Oct 27th - 28th Dec 9th - 10th
Product Discovery and Delivery in the Real World	PRODUCT-DISCOVERY-01-02	Gordon Weir	2	leadership, agile-development, product-strategy, organisational-design, roadmap, product-delivery, discovery, agile	Dec 9th - 10th	Feb 10th - 11th	May 14th - 15th	Aug 3rd - 4th	Oct 27th - 28th

F#									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Modern Application Development with C# and .NET Core	APPDEV-NET-01-04	Dylan Beattie	4	patterns, deployment-strategies, continuous-integration, debugging, testing, entity-framework-core, mvc-framework, .net-type-system, .net-programming, vs-code, f#, asp.net, c#, .net-core, .net	Dec 16th - 19th	Mar 23rd - 26th			

Java									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Ben Evans' Deep within the JVM	DEEP-JVM-01-02	Ben Evans	2	jit, bytecode-interpretation, garbage-collection, runtime, application-behaviour, java-memory-model, concurrency, java	Dec 2nd - 3rd	Mar 30th - 31st		Jul 31st - Aug 1st	
Migrating to Java 11 with Ben Evans	JAVA-MIGRATION-01-02	Ben Evans	2	enhanced-generics, match-expressions, data-classes, value-types, graalvm, graal, jit-compiler, varhandles, compact-strings, nestmates, enhanced-type-inference, java-architecture, java-platform-modules, jshell, java-11, flow, reactive-streams, java	Oct 28th - 29th		Apr 1st - 2nd		Oct 12th - 13th

Java									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Modern development with Java	JAVA-02-03	Richard Warburton Raoul-Gabriel Urma	3	flow, rxjava, akka, reactive-streams, asynchronous-programming, optional-data-types, api-patterns, java-patterns, data-parallelism, collectors, streams, lambda-expressions, functional-java, types, debugging, testing, concurrency, java	Dec 9th - 11th	Mar 16th - 18th		Aug 3rd - 5th	Dec 7th - 9th
Pivotal's Core Spring	SPRING-01-04	Sergi Almar	4	ci/cd, spring-boot-testing, spring-boot-actuator, rest, jpa, spring-data, orm, spring-boot, transactions, spring-jdbc, spring-bean, factory-pattern, dependency-injection, spring, spring-security, spring-aop, spring-mvc, java	Nov 4th - 7th	Mar 23rd - 26th		Jul 13th - 16th	Nov 16th - 19th
Real World Kotlin Development Workshop	KOTLIN-01-02	Ivan Sanchez David Denton	2	java, declarative-code, functional-programming, jvm, java-interoperability, mobile, kotlin		Jan 27th - 28th	Apr 20th - 21st	Jul 13th - 14th	Oct 20th - 21st

JavaScript									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Damjan Vujanovic's Advanced JavaScript Workshop	ADV-JAVASCRIPT-01-03	Damjan Vujanovic	3	es6, closure, mapreduce, jest-unit-testing, event-driven-patterns, object-oriented-programming, lexical-scope, javascript-functions, asynchronous-programming, patterns, clean-code, javascript	Nov 4th - 6th	Jan 20th - 22nd	Apr 20th - 22nd	Jul 13th - 15th	Oct 21st - 23rd
Damjan Vujanovic's Angular Workshop	ANGULAR-02-03	Damjan Vujanovic	3	angularjs, grunt, angular, spa, angular-cli, web-development, html5, javascript	Nov 25th - 27th	Feb 26th - 28th		Aug 24th - 26th	Dec 14th - 16th
React & Redux Workshop with Damjan Vujanovic	REACTIVE-01-03	Damjan Vujanovic	3	react, redux, rxjs, web-development, html5, babel, javascript, webpack	Dec 4th - 6th	Mar 23rd - 25th		Jul 1st - 3rd Sep 28th - 30th	
WebAssembly Deep Dive with Brian Sletten	WEBASSEMBLY-01-02	Brian Sletten	2	wasm, webassembly, software-architecture, web-development, javascript	Nov 21st - 22nd	Feb 13th - 14th	Jun 25th - 26th		Nov 19th - 20th
Webpack Academy: From Beginner to Master with Sean Larkin	WEBPACK-01-02	Sean Larkin	2	functional, cli, bundler, open-source, iffe, js, javascript, http, webpack, performance		Feb 17th - 18th	Jun 22nd - 23rd May 12th - 13th (US)		Nov 2nd - 3rd (US) Oct 19th - 20th

Jvm									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Real World Kotlin Development Workshop	KOTLIN-01-02	Ivan Sanchez David Denton	2	java, declarative-code, functional-programming, jvm, java-interoperability, mobile, kotlin		Jan 27th - 28th	Apr 20th - 21st	Jul 13th - 14th	Oct 20th - 21st

Leadership									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Gitte Klitgaard's Whole Team Communication	COMMUNICATION-01-02	Gitte Klitgaard	2	team-building, collaboration, technical-teams, leadership	Oct 29th - 30th	Feb 17th - 18th	May 21st - 22nd May 4th - 5th (US)		Nov 2nd - 3rd (US) Oct 27th - 28th
Giving Engaging Technical Talks at Conferences and Meetups	TECH-TALKS-01-02	Jenny Martin	2	teamwork, public-speaking, presentation-skills, leadership, agility	Nov 18th - 19th Oct 7th - 8th	Feb 27th - 28th Mar 31st - Apr 1st	May 6th - 7th	Jul 16th - 17th	Nov 16th - 17th Oct 1st - 2nd
Product Discovery and Delivery in the Real World	PRODUCT-DISCOVERY-01-02	Gordon Weir	2	leadership, agile-development, product-strategy, organisational-design, roadmap, product-delivery, discovery, agile	Dec 9th - 10th	Feb 10th - 11th	May 14th - 15th	Aug 3rd - 4th	Oct 27th - 28th

Mobile									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Brian Egan's Flutter and Dart Workshop	FLUTTER-01-02	Brian Egan	2	android, mobile-applications, dart, flutter, ios, mobile	Oct 22nd - 23rd	Mar 17th - 18th		Jul 2nd - 3rd	Oct 20th - 21st
Fast Track to Android Architecture	ANDROID-ARCHITECTURE-01-03	Jorge Ortiz Fuentes	3	mobile-apps, clean-code, mobile, kotlin	Oct 21st - 23rd		Apr 20th - 22nd		Oct 19th - 21st
Fast Track to iOS Architecture	IOS-ARCHITECTURE-01-03	Jorge Ortiz Fuentes	3	swift, swift4, ios-applications, ios, mobile-platform, clean-architecture, mobile	Dec 11th - 13th	Mar 16th - 18th		Sep 28th - 30th	
Modern iOS Development with SwiftUI and Combine	SWIFTUI-COMBINE-01-02	Daniel Steinberg	2	api, functional-reactive-programming, declarative-programming, combine, swift-ui, mobile		Mar 17th - 18th		Sep 21st - 22nd	
Real World Kotlin Development Workshop	KOTLIN-01-02	Ivan Sanchez David Denton	2	java, declarative-code, functional-programming, jvm, java-interoperability, mobile, kotlin		Jan 27th - 28th	Apr 20th - 21st	Jul 13th - 14th	Oct 20th - 21st

.NET									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Fast Track to F# with Tomas Petricek	F#-FASTTRACK-01-02	Tomas Petricek	2	concurrency, .net, functional-programming	Dec 12th - 13th	Mar 31st - Apr 1st	Jun 22nd - 23rd	Sep 14th - 15th	Dec 10th - 11th
Functional Concurrency in .NET with C# and F#	DOTNET-CONCURRENCY-01-02	Riccardo Terrell	2	distributed-computing, functional-concurrency, high-performance, multi-core-computation, parallel-computation, c#, .net	Dec 9th - 10th	Feb 24th - 25th	Jun 11th - 12th	Sep 7th - 8th	Nov 30th - Dec 1st
Modern Application Development with C# and .NET Core	APPDEV-NET-01-04	Dylan Beattie	4	patterns, deployment-strategies, continuous-integration, debugging, testing, entity-framework-core, mvc-framework, .net-type-system, .net-programming, vs-code, f#, asp.net, c#, .net-core, .net	Dec 16th - 19th	Mar 23rd - 26th			

Python									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Advanced Python	PYTHON-ADV-01-02	(tba)	2	python-internals, python-3.x, python	Nov 14th - 15th	Jan 30th - 31st		Aug 20th - 21st	
Python for Programmers	PYTHON-01-03	Robert Smallshire	3	python-module, python	Nov 11th - 13th	Jan 27th - 29th		Aug 17th - 19th	

Quality									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Fast Track to Chaos Engineering with Russ Miles	CHAOS-ENGINEERING-01-03	Russ Miles	3	resilience, cloud-systems, anti-fragility, chaos-engineering, kubernetes, microservices, quality		Mar 30th - Apr 1st (US) Feb 26th - 28th	Jun 1st - 3rd	Jul 29th - 31st (US)	Nov 4th - 6th Dec 2nd - 4th (US)
Janet Gregory's Agile Testing for the Whole Team	AGILE-TESTING-01-03	Janet Gregory	3	continuous-delivery, test-automation, testing-strategies, agile-testing, agile-qa, acceptance-testing, quality	Oct 28th - 30th				
Masterclass: Reducing Technical Debt with Michael C. Feathers	TECHNICAL-DEBT-01-02	Michael C. Feathers	2	quality, feature-probes, systematic-refactoring, limited-wip-refactoring, design-direction-tagging, scratch-refactoring, manageability, reliability, functionality, performance, legacy-systems, technical-debt, refactoring	Oct 28th - 29th	Feb 17th - 18th	May 18th - 19th (US) Jun 1st - 2nd		Nov 30th - Dec 1st Nov 2nd - 3rd (US)

Quality									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Test Driven Development (TDD) Workshop with Damjan Vujnovic	TDD-02-02	Damjan Vujnovic	2	unit-testing, pair-programming, continuous-integration, tdd, quality, refactoring	Dec 12th - 13th		Jun 22nd - 23rd		Nov 16th - 17th
Uncle Bob Martin's Clean Code Workshop on Agile Software Craftsmanship	CLEAN-CODE-01-02	Uncle Bob (Robert C. Martin)	2	tdd, atdd, bdd, clean-code, software-craftsmanship, quality-matters-as, acceptance-testing, agile-principles, quality	Dec 2nd - 3rd		Jun 4th - 5th		Nov 30th - Dec 1st

Scala									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Advanced Scala with Dick Wall	SCALA-ADV-01-03	Dick Wall	3	scala-idioms, optimisation, applicative-functor, functor, scala-libraries, types, scala, monads, functional, performance	Dec 9th - 11th				Dec 7th - 9th
Lightbend Akka for Scala - Expert	ADV-AKKA-01-02	Trond Bjerkestrand	2	fault-tolerance, reactive-programming, scalability, akka, scala, functional, concurrency	Dec 16th - 17th		May 18th - 19th		Dec 14th - 15th
Lightbend Akka for Scala - Professional	AKKA-01-02	Trond Bjerkestrand	2	reactive-programming, scalability, akka, scala, functional, concurrency, functional-programming	Nov 11th - 12th	Feb 27th - 28th		Sep 21st - 22nd	
Lightbend Scala Language - Expert	ADV-SCALA-02-03	Trond Bjerkestrand	3	object-functional, dsl, implicits, scalability, types, scala			Apr 29th - May 1st	Sep 9th - 11th	
Lightbend Scala Language - Professional	SCALA-01-02	Trond Bjerkestrand	2	scala-test, failure-handling, optional-values, traits, inheritance, scala-types, functional-scala, object-oriented-scala, pattern-matching, scala-repl, scala-syntax, scala	Dec 10th - 11th		Apr 27th - 28th	Sep 7th - 8th	Dec 8th - 9th

Security									
Course Title	Code	Expert	# Days	Topics	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Secure Cloud Native Architecture	CLOUD-SECURITY-01-03	Andrew Martin	3	identity-access-management, monitoring, data-protection, security, cloud, cloud-native-infrastructure		Mar 23rd - 25th	Jun 29th - Jul 1st	Sep 21st - 23rd	Dec 7th - 9th

