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[Architecture 3](#__RefHeading___Toc1180_3179782541)

[REST 3](#__RefHeading___Toc1182_3179782541)

[Actor Based Architecture 3](#__RefHeading___Toc1184_3179782541)

[Message Based Architecture 3](#__RefHeading___Toc1186_3179782541)

[Enterprise Architecture 3](#__RefHeading___Toc1188_3179782541)

[Management 3](#__RefHeading___Toc1190_3179782541)

[Unit Test 3](#__RefHeading___Toc1192_3179782541)

[Azure 3](#__RefHeading___Toc1194_3179782541)

[AWS 3](#__RefHeading___Toc1196_3179782541)

[.NET 3](#__RefHeading___Toc1198_3179782541)

[ASP.NET 4](#__RefHeading___Toc1200_3179782541)

[GIT 4](#__RefHeading___Toc1202_3179782541)

[Powershell 4](#__RefHeading___Toc1204_3179782541)

[Data + BI 4](#__RefHeading___Toc1206_3179782541)

[Linux 4](#__RefHeading___Toc1208_3179782541)

[Gamedev 4](#__RefHeading___Toc1210_3179782541)

[Windows 4](#__RefHeading___Toc1212_3179782541)

[IIS 4](#__RefHeading___Toc1214_3179782541)

[Front-End 5](#__RefHeading___Toc1216_3179782541)

[Javascript 5](#__RefHeading___Toc1218_3179782541)

[Javascript + React 6](#__RefHeading___Toc1220_3179782541)

[ALM + Devops 6](#__RefHeading___Toc1222_3179782541)

[Others 6](#__RefHeading___Toc1224_3179782541)

[C++ 7](#__RefHeading___Toc1226_3179782541)

[Apache Camel 7](#__RefHeading___Toc1228_3179782541)

[Scala 7](#__RefHeading___Toc1230_3179782541)

[Coursera 8](#__RefHeading___Toc1232_3179782541)

[Data Science Specialization (40% complete) 8](#__RefHeading___Toc1234_3179782541)

[Career Readiness Specialization by University of California, Irvine (100% complete) 8](#__RefHeading___Toc1236_3179782541)

[Software Product management Specialization (15% Complete) 8](#__RefHeading___Toc1238_3179782541)

[Other Courses 8](#__RefHeading___Toc1240_3179782541)

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[eggHead 9](#__RefHeading___Toc1246_3179782541)

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[Internet Series 9](#__RefHeading___Toc1250_3179782541)

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[Aswath Damodaran 11](#__RefHeading___Toc1258_3179782541)

[Wall Street Training 11](#__RefHeading___Toc1260_3179782541)

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# Development

## Architecture

**.NET Distributed Systems Architecture** - 5h30m

<http://www.pluralsight.com/courses/dotnet-distributed-architecture>

**Creating N-Tier Applications in C#, Part1** - 2h

<http://www.pluralsight.com/courses/n-tier-apps-part1>

**Creating N-Tier Applications in C#, Part2** - 1h40m

<http://www.pluralsight.com/courses/n-tier-csharp-part2>

**Building End-to-End Multi-Client Service Oriented Applications** - 11h43m

<http://www.pluralsight.com/courses/building-multi-client-end-to-end-service-oriented-applications>

**Patterns for Building Distributed Systems for the Enterprise** - 4h17m

<http://www.pluralsight.com/courses/cqrs-theory-practice>

**Microservices Architecture** – 2h 22m

<https://app.pluralsight.com/library/courses/microservices-architecture/table-of-contents>

## REST

**REST Fundamentals** - 2h59m

<http://www.pluralsight.com/courses/rest-fundamentals>

**Five Essential Tools for Building REST APIs** – 2h 56m

<https://app.pluralsight.com/library/courses/five-essential-tools-building-rest-api/table-of-contents>

## Actor Based Architecture

**Building Concurrent Applications with the Actor Model in Akka.NET** - 3h 23m

<http://www.pluralsight.com/courses/akka-dotnet-actor-model-building-concurrent-applications>

**Implementing Logging and Dependency Injection in Akka.NET** - 1h 25m

<http://www.pluralsight.com/courses/akka-dotnet-implementing-logging-dependency-injection>

**Akka.NET Persistence Fundamentals** – 1h 40m

<https://www.pluralsight.com/courses/akka-dotnet-persistence-fundamentals>

## Message Based Architecture

**RabbitMQ for .NET Developers - Part 1** – 2h 41m

<https://app.pluralsight.com/library/courses/rabbitmq-dotnet-developers/table-of-contents>

**RabbitMQ for .NET Developers - Part 2** – 3h 38m

<https://app.pluralsight.com/library/courses/rabbitmq-dotnet-developers-pt2/table-of-contents>

**Scaling Applications with Microservices, MassTransit, and RabbitMQ** – 1h 53m

<https://app.pluralsight.com/library/courses/masstransit-rabbitmq-scaling-microservices/table-of-contents>

**Scaling Applications with Microservices and NServiceBus** – 3h 13m

https://app.pluralsight.com/library/courses/microservices-nservicebus-scaling-applications

## Enterprise Architecture

**Understanding Enterprise Architecture** - 4h 3m

<http://www.pluralsight.com/courses/understanding-enterprise-architecture>

## Management

**Software Process Management** – 3h 43m

<https://app.pluralsight.com/library/courses/software-process-management/table-of-contents>

## Unit Test

**Testing .NET Code with xUnit.net 2** – 2h 39m

<https://app.pluralsight.com/library/courses/xunitdotnet2-dotnet-code-testing/table-of-contents>

**Better .NET Unit Tests with AutoFixture: Get Started** – 1h 58m

<https://app.pluralsight.com/library/courses/autofixture-dotnet-unit-test-get-started/table-of-contents>

**Better Unit Test Assertions with Shouldly – 1h 32m**

<https://app.pluralsight.com/library/courses/shouldly-unit-test-assertions/table-of-contents>

**Approval Tests for .NET** – 2h 34m

<https://app.pluralsight.com/library/courses/approval-tests-dotnet/table-of-contents>

**Business Readable Automated Tests with SpecFlow 2.0** – 3h 33m

<https://app.pluralsight.com/library/courses/specflow-2-0-business-readable-automated-tests/table-of-contents>

## Azure

**Windows Azure: The Big Picture** - 1h 23m

<http://www.pluralsight.com/courses/azure-bigpicture>

**Architecting Azure Solutions (70-534): Design an Advanced Application -** 1h 40m

<https://app.pluralsight.com/library/courses/architecting-azure-solutions-70-534-design-application/table-of-contents>

## AWS

**AWS Developer Fundamentals** – 4h 26m

<http://www.pluralsight.com/courses/aws-course>

## .NET

**Event Tracing for Windows (ETW) in .NET** - 2h47m

<http://www.pluralsight.com/courses/event-tracing-windows-etw-dotnet>

**CLR Threading** - 2h37m

<http://www.pluralsight.com/courses/clr-threading>

**Modern Structured Logging with Serilog and Seq** – 2h10m

<http://www.pluralsight.com/courses/modern-structured-logging-serilog-seq>

**C# Language Internals - Part 1** – 5h10m

<http://www.pluralsight.com/courses/csharp-language-internals>

**C# Language Internals - Part 2** – 4h38m

<http://www.pluralsight.com/courses/csharp-language-internals-part2>

**Introduction to WF 4** – 2h33m

<http://www.pluralsight.com/courses/wf4-fundamentals>

**.NET Internals and Advanced Debugging Techniques** – 4h 56m

<http://www.pluralsight.com/courses/dotnet-internals-adv-debug>

## ASP.NET

**New Features in ASP.NET 4.5** - 4h29m

<http://www.pluralsight.com/courses/aspnet-webforms45-new-features>

**ASP.NET Core 1.0 Fundamentals** – 5h 15m

<https://app.pluralsight.com/library/courses/aspdotnet-core-1-0-fundamentals/table-of-contents>

**Using OAuth to Secure Your ASP.NET API – 3h 52m**

<https://www.pluralsight.com/courses/oauth-secure-asp-dot-net-api>

## GIT

**Introduction to Git** – 1h

https://app.pluralsight.com/library/courses/introduction-to-git/table-of-contents

**Using Gitflow -** 1h 4m

<https://app.pluralsight.com/library/courses/using-gitflow/description>

## Powershell

**Introduction to PowerShell** – 2h41m

<http://www.pluralsight.com/courses/powershell-intro>

**The Case for PowerShell** – 1h17m

<http://www.pluralsight.com/courses/case-for-powershell>

## Data + BI

**SQL Server: Introduction to Extended Events** – 5h

<http://www.pluralsight.com/courses/sqlserver-basicxevents>

**SQL Server: Advanced Extended Events** – 4h14m

<http://www.pluralsight.com/courses/sqlserver-advanced-xevents>

**Introduction to BrightstarDB** – 1h41m

<http://www.pluralsight.com/courses/brightstardb-introduction>

**Data Science & Hadoop Workflows at Scale With Scalding – 2h 08m**

<http://www.pluralsight.com/courses/data-science-hadoop-workflows-scalding>

**Analysis Services Fundamentals – 6h 31m**

<https://www.pluralsight.com/courses/ssas-basic>

**SQL Server Continuous Database Delivery with Flyway** – 6h 25m

<https://app.pluralsight.com/library/courses/sql-server-flyway-continuous-database-delivery/table-of-contents>

**Cassandra for Developers** – 3h 27m

<https://app.pluralsight.com/library/courses/cassandra-developers/table-of-contents>

**Getting Started with Hazelcast** – 1h 50m

https://app.pluralsight.com/library/courses/hazelcast-getting-started/table-of-contents

## Linux

**Red Hat Enterprise Linux Shell Fundamentals** – 2h 11m

<https://app.pluralsight.com/library/courses/red-hat-enterprise-linux-shell-fundamentals/table-of-contents>

**Red Hat Enterprise Linux Shell Scripting Fundamentals** – 2h 35m

<https://app.pluralsight.com/library/courses/red-hat-enterprise-linux-shell-scripting-fundamentals/table-of-contents>

**Red Hat Enterprise Linux 6 Booting and Runlevels** – 3h 12m

<https://app.pluralsight.com/library/courses/red-hat-enterprise-linux-6-booting-runlevels/table-of-contents>

**Red Hat Enterprise Linux Storage Fundamentals** – 6h 33m

<https://app.pluralsight.com/library/courses/red-hat-enterprise-linux-storage-fundamentals/table-of-contents>

**Security Enhanced Linux (SELinux) Fundamentals** – 2h 09m

<https://app.pluralsight.com/library/courses/security-enhanced-linux-selinux-fundamentals/table-of-contents>

## Gamedev

**Quick Start to Unity: Volume 1** - 1h 30m

<http://www.pluralsight.com/courses/quick-start-unity-1-1566>

**Quick Start to Unity: Volume 2** - 43m

<http://www.pluralsight.com/courses/quick-start-unity-2-1567>

**Quick Start to Unity: Volume 3** - 1h 03m

<http://www.pluralsight.com/courses/quick-start-unity-3-1583>

**Introduction to C# in Unity 3.5** - 2h 48m

**Unreal Engine C++ Developer: Learn C++ and Make Video Games** – 48h 30m https://www.udemy.com/course/unrealcourse/

<http://www.pluralsight.com/courses/introduction-c-unity-876>

## Windows

**Windows Internals** – 6h 47m

<http://www.pluralsight.com/courses/windows-internals>

**Windows Internals** 2 – 7h 30m

<http://www.pluralsight.com/courses/windows-internals2>

**Windows Internals 3** – 5h 16m

<http://www.pluralsight.com/courses/windows-internals-3>

## IIS

**IIS for Developers** – 1h 46

<http://www.pluralsight.com/courses/iis-for-developers>

**Log Parser Fundamentals** – 3h 43m

<http://www.pluralsight.com/courses/logparser-fundamentals>

**Introduction to IIS Certificates** – 44m

<http://www.pluralsight.com/courses/iis-certificates>

**Extending IIS 7.5 with Modules and Handlers** – 2h 47m

<http://www.pluralsight.com/courses/iis-extending>

**Web Farms for Developers** – 47m

<http://www.pluralsight.com/courses/web-farms>

**URL Rewrite for Developers** – 4h

<http://www.pluralsight.com/courses/url-rewrite-for-developers>

## Front-End

**HTML Fundamentals** – 2h 13m

<http://www.pluralsight.com/courses/html-fundamentals>

**HTML5 Fundamentals** – 3h 56m

<http://www.pluralsight.com/courses/html5-fundamentals-2e>

**HTML5 Advanced Topics** – 2h 45m

<http://www.pluralsight.com/courses/html5-advanced>

**Introduction to CSS** – 2h 9m

<http://www.pluralsight.com/courses/css-intro>

**CSS3 in Depth** – 6h 10

<http://www.pluralsight.com/courses/css3-in-depth>

**Building a Web Application with Polymer.js and Material Design** – 2h 5m

<https://app.pluralsight.com/library/courses/building-web-application-polymer-material-design/table-of-contents>

**Webpack Fundamentals** – 2h 23m

https://app.pluralsight.com/library/courses/webpack-fundamentals/table-of-contents

## Javascript

**JavaScript Fundamentals** – 2h 53m

<http://www.pluralsight.com/courses/jscript-fundamentals>

**JavaScript Design Patterns** – 2h 2m

<http://www.pluralsight.com/courses/javascript-design-patterns>

**Structuring JavaScript Code** – 2h 10m

**NestJS Zero to Hero - Modern TypeScript Back-end -** 6h 30m

https://www.udemy.com/course/nestjs-zero-to-hero

**Getting Started with Redux** - 2h

https://egghead.io/courses/getting-started-with-redux

<http://www.pluralsight.com/courses/structuring-javascript>

**jQuery Fundamentals** – 5h 18m

<http://www.pluralsight.com/courses/jquery-fundamentals>

**Babel: Get Started** – 2h 03m

<https://app.pluralsight.com/library/courses/babel-get-started/table-of-contents>

**Hardcore Functional Programming in JavaScript –** 6h 3m

<https://www.pluralsight.com/courses/hardcore-functional-programming-javascript>

## Javascript + React

**React.js: Getting Started** – 1h 29m

<https://app.pluralsight.com/library/courses/react-js-getting-started/table-of-contents>

**Building Applications with React and Flux** – 5h 08m

<https://app.pluralsight.com/library/courses/react-flux-building-applications/table-of-contents>

**Mastering React Testing with Jest** – 1h 57m

<https://app.pluralsight.com/library/courses/jest-mastering-react-testing/table-of-contents>

## ALM + Devops

**TFS Build 2015: First Look** – 1h 42m

<http://www.pluralsight.com/courses/tfs-build-2015-first-look>

**Integrating Docker with DevOps Automated Workflows** – 1h 01m

<https://app.pluralsight.com/library/courses/integrating-docker-with-devops-automated-workflows/table-of-contents>

**Designing Immutable Infrastructure with Packer** – 2h 02m

<https://app.pluralsight.com/library/courses/packer-designing-immutable-infrastructure/table-of-contents>

**Getting Started with Ansible on Windows** – 1h 23m

<https://app.pluralsight.com/library/courses/ansible-windows-getting-started/table-of-contents>

## Others

**Date and Time Fundamentals** - 6h19m

<http://www.pluralsight.com/courses/date-time-fundamentals>

**Implementing Feature Toggles in .NET with FeatureToggle** – 1h32m

<http://www.pluralsight.com/courses/dotnet-featuretoggle-implementing>

**Visual Studio 2015: A First Look at the IDE** – 1h 35m

<http://www.pluralsight.com/courses/visual-studio-2015-first-look-ide>

**Picturing Architecture: UML (The Good Bits) and More** – 1h 2m

<https://app.pluralsight.com/library/courses/picturing-architecture-uml/table-of-contents>

## C++

**Beautiful C++: STL Algorithms** – 4h 24m

<https://app.pluralsight.com/library/courses/beautiful-cplusplus-stl-algorithms/table-of-contents>

**High-performance Computing in C++** - 4h 03m

<https://app.pluralsight.com/library/courses/cpp-high-performance-computing/table-of-contents>

**Introduction to the Boost C++ Libraries** - 2h 56m

<http://app.pluralsight.com/courses/boost-cpp-libraries-introduction>

**Accelerated Introduction to C++** - 5h 17m

<https://app.pluralsight.com/library/courses/accelerated-introduction-cpp/table-of-contents>

**Modern C++ Libraries** – 4h 1m

<https://app.pluralsight.com/library/courses/modern-cplusplus-libraries/table-of-contents>

**SQLite with Modern C++** - 2h 33m

<https://app.pluralsight.com/library/courses/sqlite-modern-cplusplus/table-of-contents>

**Design Patterns in C++: Creational** – 4h 12m

<https://app.pluralsight.com/library/courses/design-patterns-cpp-creational/table-of-contents>

**Design Patterns in C++: Structural - Façade to Proxy** – 1h 46m

<https://app.pluralsight.com/library/courses/design-patterns-cpp-structural-facade-proxy/table-of-contents>

## Apache Camel

**Introduction to Integration With Apache Camel** – 4h 44m

<https://app.pluralsight.com/library/courses/apache-camel-intro-integration/table-of-contents>

## Scala

**Scala: Getting Started** – 2m 01m

<https://app.pluralsight.com/library/courses/scala-getting-started/table-of-contents>

**Play! 2 for Scala** – 1h 37m

<https://app.pluralsight.com/library/courses/play-2-scala/table-of-contents>

# Coursera

## Data Science Specialization (40% complete)

[**https://www.coursera.org/specializations/jhu-data-science/**](https://www.coursera.org/specializations/jhu-data-science/)

**The Data Scientist’s Toolbox** – 16h

<https://www.coursera.org/course/datascitoolbox>

Certificate: <https://www.coursera.org/account/accomplishments/certificate/53L4A58Y33>

**R Programming** – 16h

<https://www.coursera.org/learn/r-programming/home/welcome>

Certificate: <https://www.coursera.org/account/accomplishments/certificate/GS9RVUZHW9VE>

**Getting and Cleaning Data** – 16h

<https://www.coursera.org/learn/data-cleaning/home/welcome>

Certificate: <https://www.coursera.org/account/accomplishments/certificate/82N3XHZCGB4G>

## Career Readiness Specialization by University of California, Irvine (100% complete)

<https://www.coursera.org/specializations/career-success>

**Project Management: The Basics for Success** – 4h

<https://www.coursera.org/learn/project-management-basics>

Certificate: <https://www.coursera.org/account/accomplishments/records/YNLMLTCKLB83>

**Work Smarter, Not Harder: Time Management for Personal & Professional Productivity** - 4h

<https://www.coursera.org/learn/work-smarter-not-harder/>

Certificate: <https://www.coursera.org/account/accomplishments/records/S263L6XRCMS9>

**Finance for Non-Financial Professionals** - 4h

<https://www.coursera.org/learn/finance-for-non-finance-managers/>

Certificate: <https://www.coursera.org/account/accomplishments/records/A8T4YJCH3QLP>

**Communication in the 21st Century Workplace** - 4h

<https://www.coursera.org/learn/communication-in-the-workplace/>

Certificate: <https://www.coursera.org/account/accomplishments/certificate/2RCS9XZVUDVM>

**High-Impact Business Writing** - 4h

<https://www.coursera.org/learn/business-writing/home/welcome>

Certificate: https://www.coursera.org/account/accomplishments/records/R5DXYVAFD28Y

**The Art of Negotiation** – 4h

<https://www.coursera.org/learn/art-of-negotiation/home/welcome>

Certificate: https://www.coursera.org/account/accomplishments/records/6Z8NYZANY6MC

**Fundamentals of Management** – 4h

<https://www.coursera.org/learn/fundamentals-of-management/home/welcome>

Certificate: https://www.coursera.org/account/accomplishments/records/AWYCSH3JQLHV

**Effective Problem-Solving and Decision-Making** – 4h

<https://www.coursera.org/learn/problem-solving/home/welcome>

Certificate: https://www.coursera.org/account/accomplishments/records/SAPJJS49DUET

**Essentials of Entrepreneurship: Thinking & Action** – 4h

<https://www.coursera.org/learn/entrepreneurial-thinking/home/welcome>

Certificate: https://www.coursera.org/account/accomplishments/records/5CFBQ4GVJQCG

## Software Product management Specialization (15% Complete)

[**https://www.coursera.org/specializations/product-management**](https://www.coursera.org/specializations/product-management)

**Introduction to Software Product Management** – 4h

<https://www.coursera.org/learn/introduction-to-software-product-management/home/welcome>

Certificate: https://www.coursera.org/account/accomplishments/records/WNV98MBP86QE

## Other Courses

**Coding the Matrix: Linear Algebra through Computer Science Applications** – 70h

<https://www.coursera.org/course/matrix>

**Mathematical Methods for Quantitative Finance – 8h**

<https://www.coursera.org/instructor/kjellk>

<https://www.coursera.org/course/mathematicalmethods>

# Datastax Academy

## Cassandra

**DS101: Introduction to Apache Cassandra** – 30m

https://academy.datastax.com/courses/ds101-introduction-cassandra

# Finance

## Aswath Damodaran

**Valuation** – 27h

<https://www.youtube.com/watch?v=K_36oYXYESU&list=PLAzXt0_0hqtFuF6GgcuNT5wGPJHaIA1lD>

**Corporate Finance** – 33h

<https://www.youtube.com/watch?v=f8UMSWAihnc&list=PLJCQlCCSYx7uscvh-nnJ5X3jE9CgSzWfC>

**Investment** – 10h

<https://www.youtube.com/watch?v=h37fJcDjjWg&list=PLUkh9m2BorqlDJlnBXUaJaMRNE7UDckn6>

## Wall Street Training

**Basic Concepts – Introduction to Finance (“Finance 101”)** – 2h

<http://wallst-training.com/self-study/courses.html>

## CFA – Schewezer´s Course

**CFA Level I - Premium Plus Package**

<http://www.schweser.com/cfa/level-1/study-packages/premium-plus/>

# Math

## MIT OpenCourseWare

**1801 – Single Variable Calculus**

<http://ocw.mit.edu/courses/mathematics/18-01sc-single-variable-calculus-fall-2010/>

## N. J. Wildberger

**Math History: A Course in the History of Mathematics** – 28h

<https://www.youtube.com/playlist?list=PL55C7C83781CF4316>

**Math Foundations** – 56h

<https://www.youtube.com/playlist?list=PL5A714C94D40392AB>

**Algebraic Topology** – 29h

<https://www.youtube.com/playlist?list=PL6763F57A61FE6FE8>

# Events

## useR! 2016 international R User conference

<https://channel9.msdn.com/Events/useR-international-R-User-conference/useR2016>

Videos

<https://channel9.msdn.com/Events/useR-international-R-User-conference/useR2016/Forty-years-of-S>

<https://channel9.msdn.com/Events/useR-international-R-User-conference/useR2016/Efficient-in-memory-non-equi-joins-using-datatable>

<https://channel9.msdn.com/Events/useR-international-R-User-conference/useR2016/Continuous-Integration-and-Teaching-Statistical-Computing-with-R>

<https://channel9.msdn.com/Events/useR-international-R-User-conference/useR2016/R-markdown-Lifesaver-or-death-trap>

<https://channel9.msdn.com/Events/useR-international-R-User-conference/useR2016/A-Lap-Around-R-Tools-for-Visual-Studio>

<https://channel9.msdn.com/Events/useR-international-R-User-conference/useR2016/Zero-overhead-integration-of-R-JS-Ruby-and-CC>

<https://channel9.msdn.com/Events/useR-international-R-User-conference/useR2016/Importing-modern-data-into-R>