COURSES

PLURALSIGHT

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/table-of-contents

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
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
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/
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
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

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

EGGHEAD

JAVASCRIPT

Getting Started with Redux
https://egghead.io/lessons/javascript-redux-extracting-container-components-filterlink

INTERNET SERIES

C++ PAGES

Keny Kerr – Modern Windows C++
https://kennykerr.ca/2010/12/02/the-new-c-for-the-new-windows/
https://kennykerr.ca/2010/12/08/the-new-c-for-the-new-windows-part-0-putting-bugs-into-buckets/
Keny Kerr – MSDN Column
http://msdn.microsoft.com/en-us/magazine/hh288076.aspx
http://msdn.microsoft.com/en-ca/magazine/hh335066.aspx
http://msdn.microsoft.com/en-us/magazine/hh394144.aspx
http://msdn.microsoft.com/en-us/magazine/hh456398.aspx
http://msdn.microsoft.com/magazine/hh547107.aspx
http://msdn.microsoft.com/magazine/hh580731.aspx
http://msdn.microsoft.com/magazine/jj553509.aspx
http://msdn.microsoft.com/magazine/jj618294.aspx
http://msdn.microsoft.com/magazine/jj658968.aspx

JAVASCRIPT PAGES

Dom Enlightenment
http://www.domenlightenment.com/
Deep dive into the murky waters of script loading
http://www.html5rocks.com/en/tutorials/speed/script-loading/
Real–world HTTP/2: 400gb of images per day
https://99designs.com.au/tech-blog/blog/2016/07/14/real-world-http-2-400gb-of-images-per-day/
Pure rendering in the light of time and state
https://medium.com/@mweststrate/pure-rendering-in-the-light-of-time-and-state-4b537d8d40b1#.ae8z75sl7

Making React reactive: the pursuit of high performing, easily maintainable React apps

https://www.mendix.com/tech-blog/making-react-reactive-pursuit-high-performing-easily-maintainable-react-apps/

Types of Software Testing – Complete List

http://www.testingexcellence.com/types-of-software-testing-complete-list/

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