University or Massive Open Online Course (MOOC) Provider	Course & Description	100% Online?	Date Course Begins	Cost	Website
Coursera: University of Maryland, College Park & Vanderbilt University	**Course 1:** Programming Mobile Applications for Android Handheld Systems **Course 2:** Pattern-Oriented Software Architectures: Programming Mobile Services for Android Handheld Systems **(Starts April 2, 2014)** **Course 3:** Programming Cloud Services for Android Handheld Systems **(Starts June 15, 2014)**	Yes	Certificate Program Started January 21. 2014	$49 per each class; $196 for the certificate based on 3 courses	https://www.coursera.org/specialization/mobilecloudcomputing/2?utm_medium=catalogSpec
Cork Institute of Technology	**MSc in Cloud Computing (Online Programme)** - Master's Degree program comprised of Cloud Strategy Planning & Management, Managing Virtual Environments, Software Engineering, Data Analytics, Data Centre Networking, Application Development Frameworks, Scripting for System Administrators, Cloud Security, Cloud Storage Infrastructures and a Research Project.	Yes	Friday September 22nd 2014	The total cost of the programme (3 semester part-time mode) is €10,800. The fee per semester is €3600.	http://cloud.cit.ie/msc-cloud-computing/
Coursera & Vanderbilt University	**Programming Cloud Services for Android Handheld Systems:** This MOOC describes by example how to connect Android mobile devices to clouds via the use of object-oriented design techniques, Java programming language features, Jetty middleware, Java Servlets, the Java Spring Framework, and cloud computing platforms, such as Google App Engine.	Yes	6/15/14	Free	https://www.coursera.org/course/mobilecloud
edX	Building Mobile Experiences; Based on a popular MIT class that has been taught since 2006 by Frank Bentley of Yahoo Labs and Ed Barrett, a Senior Lecturer at MIT, this course will explore what makes mobile devices unique**.**	Yes	2/4/14	Free to Audit & Certificate of Achievement	https://www.edx.org/course/mitx/mitx-21w-789x-building-mobile-1310
edX & UC BerkeleyX	**CS169.1x Engineering Software as a Service:** Teaches the fundamentals for engineering long-lasting software using highly-productive Agile techniques to develop Software as a Service (SaaS) using Ruby on Rails.	Yes	2nd Qtr., 2014	Free to Audit; $50 fee for Certificate of Achievement	https://www.edx.org/course/uc-berkeleyx/uc-berkeleyx-cs169-1x-engineering-1377

University or Massive Open Online Course (MOOC) Provider	Course & Description	100% Online?	Date Course Begins	Cost	Website
edX & UC BerkeleyX	**CS169.2xEngineering Software as a Service, Part 2:** CS 169.2x is the second half of University of California, Berkeley's semester long course on Engineering Software as a Service. In the first half of the course, CS 169.1x, students use Agile development methods to deploy a simple SaaS app in the cloud. In the second half, CS 169.2x, students create more sophisticated apps by adding relationships between models in apps and by enhancing their apps with JavaScript.	Yes	2nd Qtr., 2014	Free to Audit; $50 fee for Certificate of Achievement	https://www.edx.org/course/uc-berkeleyx/uc-berkeleyx-cs169-2x-engineering-1379
Google Developer's Academy	**Comprehensive e-learning site with tutorials on Android, Commerce, Cloud, Maps, Google TV and YouTube development.** Google Developers Academy provides a set of online classes spanning many different Google developer tools and platforms. The course materials found here provide developers of all skill levels with curriculum-based learning that goes beyond the traditional technical documentation. Very useful tutorials and online tools for learning Google App Engine, Python App Engine and Google+ APIs.	Yes	Ongoing	Free	https://developers.google.com/academy/
Harvard University - Harvard Extension School	**CSCI E-35 Essential Modern UI Windows 8.1 App Development and Cloud Computing:** Provides in-depth coverage of key APIs introduced in Windows 8.1, the MVVM pattern, effective unit testing, and the essentials for highly productive C# and XAML development. Coverage includes building secure RESTful cloud services using Web API, and utilizing Azure services including mobile services, push notifications, server side scripts, authentication, and authorization.	Yes; also has an on-campus option	1/29/14	$2,050	http://www.extension.harvard.edu/courses/essential-modern-ui-windows-81-app-development-cloud-computing

University or Massive Open Online Course (MOOC) Provider	Course & Description	100% Online?	Date Course Begins	Cost	Website
Microsoft Research	**Windows Azure for Research Training** - Unique program designed for academicians, educators and researchers both in colleges & universities and enterprises interested in learning and teaching about Azure. Microsoft is initially offering this in selected locations, and will provide online training tools later in the year. Training page: http://research.microsoft.com/en-us/projects/azure/training.aspx	Yes	Begins March 4th - please see training page for dates and times nearby locations	Free	http://research.microsoft.com/en-us/projects/azure/training.aspx
MIT Open Courseware	**MIT OpenCourseWare (OCW)** is a web-based publication of virtually all MIT course content. OCW is open and available to the world and is a permanent MIT activity. Massive collection of MIT courseware available for free download and use.	Yes	Ongoing	Free	http://ocw.mit.edu/index.htm
University of Massachusetts - Lowell	**Online Master of Science in Information Technology** - 10 courses total including Network and Systems Administration, Operating Systems Organization, Managing Virtual Systems, Systems Security and Auditing, Computer Network Security, Cloud Computing, Large Scale Application Deployment, Project Management, Managing and Mining Large Data Sets. This is a very popular program so it will be offered in future sessions as the deadline is quickly approaching.	Yes	Online Courses for current term started January 21rst; can still add through February 3, 2014.	$365 per credit hour	http://www.continuinged.uml.edu/degrees/MSIT.cfm