

## Your online computer

– Your friends, files and digital life on any device

Xcerion delivers the CloudMe.com consumer service (with over 500 000 users world-wide from 170 countries). The CloudMe online computer (formerly known as iCloud) is the cloud computer for consumers, an online media and file server for streaming and sharing. It enables ubiquitous computing reaching out with connectivity to all kinds of devices.



*With the CloudMe ubiquitous Cloud Convergence platform all devices can be connected.*

## Android – Thesis Description

The CloudMe service have many different clients; A virtual desktop, iPhone app, Android app, Easy Upload that installs on Windows, Mac and Linux and WebDAV. All these different clients use a set of public web services API's exposed as a Service Oriented Architecture (SOA) by the CloudMe back-end (XML Web Services and REST API's).

During the development of our service, we have used the iPhone app as the reference implementation. This has caused the Android version to be quite behind the iPhone application in terms of more advanced functionality. However, all basic functionality is available across both clients. The objectives of this thesis is to look at differences between iPhone development (done in Objective-C) and Android development (done in Java) and try to come up with guidelines on how a company can develop sustainable for both platforms. In order to gain deeper knowledge of the differences, the programming part of this thesis will be to get the Android app to an equal functionality level as the iPhone app through reverse engineering.

Both applications may be downloaded and tried on a phone today.

About 14 000 people use the Android app to be able to access their CloudMe data on the go. The applicant for this thesis must be good at Java programming.

All work will be done from the Xcerion main office at Drottninggatan 23, Linköping.

## Additional Thesis Work

Xcerion might have more thesis work if students are interested.

## Contact

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