

MACHINE LEARNING (AI) ON-DEVICE (INCLUDING AI-ASSISTED PROGRAMMING)

70 YH CREDITS - 14 WEEKS - DISTANCE AND FLEXIBLE LEARNING - FREE OF CHARGE - APPLY NOW ON MY.SE/ML - START DATE 2023-09-25

The demand for practical AI solutions is snowballing. Companies are lining up to implement new technologies into existing processes, products, and services.

However, it's crucial to be cautious about the types of information and knowledge fed into systems developed by organizations like OpenAI, Meta, Microsoft and Google.

This caution should also extend to systems operated by questionable owners in non-democratic countries. Sensitive information, such as trade secrets; government and financial data; educational and medical records; and personal privacy details should be carefully managed.

Small devices can perform AI calculations directly 'on-device.'

You will learn how to understand, plan, and build such solutions using CoreML for Apple and MLKit for Android, solutions that give you full control over your information and knowledge.

The course will focus on how to build apps for iOS using Apple's CoreML framework, as well as for Android using Google's MLKit.

You will gain a basic understanding of machine learning and AI systems. Among other things, you will learn: • Differences between supervised and unsupervised learning techniques • Differences between probabilistic and non-probabilistic methods • Training and comparing machine learning models • Reusing and adapting machine learning models for new purposes • Evaluating machine learning models • Choosing the right machine learning model for the right purpose • Training and implementing appropriate machine learning models in apps.

To fully benefit from the program, you should have at least two years of programming experience. It is advantageous if you have experience in app development with Swift/SwiftUI or Kotlin/Jetpack Compose, but an introduction to new ways of AI-assisted programming will also be provided.

Curriculum:

Machine learning with CoreML (iOS), 35 YH credits (7 weeks)

Machine learning with MLKit (Android), 35 YH credits (7 weeks)

Own Equipment:

To make effective use of the software across all devices, you should have a recent MacBook Air or Pro equipped with at least 16 GB RAM and a 512 GB SSD. Additionally, you should have at least one high-quality mobile device.

You will also need a fast internet connection, whether at home, work, or any other location where you plan to participate in the course.

At no extra cost to you, you will be provided with your own developer license for Apple/iOS and a store account for Google/Android.

Prerequisites:

You must hold a high school diploma or equivalent and should have at least two years of programming experience or an equivalent background. If you are unsure about these requirements, please contact us at 0200-210 999.

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READ MORE ABOUT US AT [HTTPS://MY.SE](https://my.se) OR FOLLOW US ON FACEBOOK [HTTPS://FACEBOOK.COM/YRKES](https://facebook.com/yrkes) OR X [HTTPS://X.COM/YRKES](https://x.com/yrkes)
DID YOU KNOW THAT APPLE'S A16 PROCESSOR IN IPHONE 14 PRO CAN PERFORM 17 TRILLION CALCULATIONS PER SECOND?

FACTS AND APPLICATION

Submit your application now:

Hello, I am applying for:

- Machine Learning (AI) On-Device for Apple and Android devices,
70 YH-credits, 14 weeks, starting September 25, 2023

Name: _____

National identification number: _____

Address: _____

Postal address: _____

Mobile: _____ Email: _____

- I have attached my secondary school certificates
 I will send my certificates to info@my.se
You may also take pictures of documents with your mobile phone and send them.
- I have attached my certificates of employment
 I will send my certificates of employment to info@my.se
You may also take pictures of documents with your mobile phone and send them.
- I have worked in programming for at least two years...
 ...or equivalent
 I have no formal qualifications but want to apply for the 20% quota (YHF chapter 3, section 4).

Admission to Malmö Yrkeshögskola is granted to those who 1) have completed an upper secondary school degree, 2) have a Swedish or foreign education that corresponds to the requirements in 1, 3) are residents in Denmark, Finland or Norway and are qualified for the corresponding education there, or 4) through Swedish or foreign education, practical experience or due to some other circumstance, have the prerequisites to benefit from the education.

Specific prerequisites: At least two years of professional experience in programming work. You should also have a good knowledge of English and a good command of Swedish so that you can benefit from the training. If you have no formal qualifications but believe you have knowledge equivalent to the requirements above, please send in the certificates you have to support your knowledge, or contact the school info@my.se for more information.

Real skills: If you lack documentation, validation can be done to prove that you have the skills you need to access the course. Contact the school info@my.se for more information.

Selection criteria: If there are more applicants than places available, the school will organize a special test. The results of this test will rank the applicants and determine who is admitted to the course.

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MALMÖ YRKESHÖGSKOLA

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LEARN OR DIE