

# AI+ Developer

Materials & teaching in English



## Build, train and deploy AI solutions - from Python foundations to AI+ Developer.

AI development is no longer reserved for the few - organisations across industries are actively hiring developers who can build, integrate, and deploy AI into real software systems. The demand is there.

The course takes you from the ground up. You start with Python programming and the mathematical concepts behind modern AI, then move into machine learning, deep learning, and algorithm optimisation.

From there, the course goes deep into the domains that define the field: Natural Language Processing, Computer Vision, and Reinforcement Learning. You build real solutions, work with neural networks, and apply

what you learn to problems that mirror what companies actually need solved.

The final tracks cover Large Language Models, cloud-based deployment, and the AI development tools used in professional environments today: AI coding assistants, prompt engineering for developers, and Codex CLI. You leave knowing not just how AI works, but how to ship it.

The course concludes with an exam. Included is 1 certification attempt for the AI+ Developer certification - a documented, verifiable proof of your skills that carries weight in a job application.

### You will learn



#### Programming Foundations and Math

- Learn to think and code like a developer from the ground up
- Work with linear algebra, calculus, and probability for AI
- Build a solid foundation before moving into machine learning



#### Python and Machine Learning

- Build Python solutions with real-world data and libraries
- Train and evaluate supervised and unsupervised ML models
- Optimize model performance and apply algorithm selection



#### Deep Learning and Computer Vision

- Design and train neural networks for complex tasks
- Work with object detection, image segmentation, and GANs
- Evaluate and tune AI models with hands-on projects



#### NLP and Large Language Models

- Preprocess text and build classification and NER systems
- Work with transformer models and attention-based architectures
- Understand the architecture behind LLMs and text generation



#### Cloud Deployment and Advanced AI

- Deploy AI models to the cloud with scalable infrastructure
- Work with time-series analysis and model explainability (XAI)
- Explore Reinforcement Learning and cutting-edge AI research



#### AI Development Tools and Certification

- Work with AI coding assistants, Codex CLI, and prompt engineering
- Pass the online proctored exam with one free retake
- Earn the AI+ Developer certification upon completion

## The course is for you if you...

- ✓ Want to build a career in AI development and are ready to go beyond using AI tools to actually building and deploying them.
- ✓ Have some programming experience or a technical background and want a structured path to professional AI development - ending with a recognised certification.

### Course structure

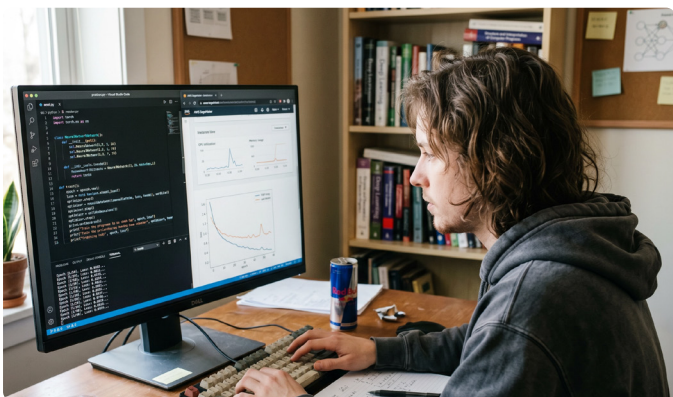
The course includes self-paced online sessions, Labs and a Final Exam assessment. You also get access to a library of e-books.

### Certification

The course concludes with an exam. Included is 1 certification attempt for the AI+ Developer certification. The attempt must be used within 1 month of completing the course.

### Careercoach

You also can spar with Itucation's career coach regarding CV, application and job strategy. If you wish to take advantage of this offer, please send an email to [kurser@itucation.dk](mailto:kurser@itucation.dk)



## Upcoming courses

- Start every monday!

## Information & Pris

<b>Location</b>	E-learning, Selfstudy
<b>Classes</b>	5 days a week
<b>Duration</b>	6 weeks
<b>Price for applicants</b>	<b>Free for unemployed*</b>
<small>*Free, if you fulfil the criteria for 6-week job-oriented training programs via the Jobcenter</small>	
<b>Price for jobcenter:</b>	Kr. 19.600 (ex. moms)
<b>Sign-up</b>	<b><a href="http://www.itucation.dk">www.itucation.dk</a></b> Or contact us on 7027 2784

## Information til a-kasser og jobcentre

### Regional positivliste

E-learningkurset er godkendt.

Se vores hjemmeside for listetitel og listenumre.

### Pris

Kr. 19.600 (ex. moms)  
Ugepris: kr. 3.266,66 (ex. moms)

### Betalingstilsagn sendes til

Itucation  
Svanevej 22, 2400 København NV  
[kurser@itucation.dk](mailto:kurser@itucation.dk) (sikker mail)  
CVR-nr.: 33248016  
P-nr.: 1016378247