



Certificate no: UC-42b5017c-7313-4c88-b762-7fbab766d18a

Certificate url: ude.my/UC-42b5017c-7313-4c88-b762-7fbab766d18a

Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete A.I. & Machine Learning, Data Science Bootcamp

Instructors **Andrei Neagoie, Daniel Bourke**

Eszter Báthory

Date **May 11, 2025**

Length **44 total hours**



Certificate no: UC-78103ac2-2d58-4cc2-9392-8421f9e843c3

Certificate url: ude.my/UC-78103ac2-2d58-4cc2-9392-8421f9e843c3

Reference Number: 0004

CERTIFICATE OF COMPLETION

Master Python programming by solving scientific projects

Instructors **Mike X Cohen**

Eszter Báthory

Date **April 24, 2025**

Length **35 total hours**

Completed Unity3D Course Pathways

Junior Programmer – 2024



Level 1 Code Comprehension

- Interpret basic code in a Unity code base
- Improve simple code using the features of an IDE

Level 1 Application Scripting

- Control the execution of code with common logic structures
- Compose scripts that utilize various APIs
- Implement appropriate data types
- Write code that integrates into an existing system
- Cultivate a code style that is efficient and easy to read
- Prototype new concepts

Level 1 Debugging

- Diagnose and fix code that compiles, but fails to perform as expected
- Diagnose and fix common compilation errors
- Diagnose and fix compilation errors related to Unity's Scripting API
- Diagnose and fix the cause of an exception

Level 2 Application scripting

- Create the scene flow in an application state
- Implement data persistence across scenes and user sessions

Level 1 Version control

- Maintain a project by correctly implementing version control
- Implement best practices of version control using Unity Collaborate

Level 1 Code optimization

- Maximize code efficiency by correctly executing coding best practices
- Debug performance issues

Level 2 Programming theory

- Analyze the principal pillars of object-oriented programming
- Simplify code and make it reusable by correctly implementing the principles of inheritance and polymorphism
- Make code more secure and usable by correctly implementing the principles of abstraction and encapsulation, including the use of interfaces
- Write efficient, organized, and comprehensible code by correctly implementing the principles of object-oriented programming

Unity Essentials – 2024



Unity Essentials
Pathway
Unity Technologies

Creating and Managing Unity projects

- Install the Unity Editor for the first time

- Work with projects in the Unity Hub

Unity Editor Essentials

- Employ essential features of the Unity Editor

- Create and Manage Scenes

- Navigate in 3D space in the Scene view

- Navigate in 2D space in the Scene view

Real-time Industry Essentials

- Understand Unity's history and role within the industries that rely on real-time creation.

- Describe the real-time production cycle

Scene Building Essentials

- Identify the default elements in a new Scene

- Create GameObjects

- Transform GameObjects

- Work with components and Scripts

- Control the appearance of GameObjects

- Employ basic physics for GameObjects

Publishing

- Configure a basic build of a project

Level 1 Job Preparation

- Prepare yourself for the job search

- Create a portfolio, enabling you to pursue a job in real-time development

- Cultivate professional attitudes

- Plan your Unity learning journey by setting goals

- Practice continuous personal and professional growth



Business Analysis Foundations

Course completed by Eszter Báthory

Aug 16, 2024 at 11:26AM UTC

Top skills covered

Business Analysis

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Global Content, Learning



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Program: International Institute of Business Analysis (IIBA®)

Provider ID: #189294

Activity #: 2132

Continuing Development Units (CDUs) : 2.00

Certificate ID:

b0bf08a60999cc667c194d3e7748105d38837337f28e89eefedde5fba139ce60





Deep Learning: Getting Started

Course completed by Eszter Báthory
Jul 29, 2024 at 12:14PM UTC • 1 hour 13 minutes

Top skills covered

Machine Learning

Deep Learning

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Certificate ID: 74a9397bb6dd5b1215e7c211515cb256df7b8b52b21c1b3f3ee3328820a8ebb7



Learning Arduino: Foundations

Course completed by Eszter Báthory
Aug 09, 2024 at 12:47PM UTC • 1 hour 6 minutes

Top skills covered

Arduino

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Certificate ID: fb6b75dcea948f37e63db070b4c7dcf5698650f225490f339402479149cc9408



Learning Arduino: Pulse Width Modulation

Course completed by Eszter Báthory
Aug 09, 2024 at 02:42PM UTC • 1 hour 16 minutes

Top skills covered

Arduino

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Certificate ID: 58c2ad5007113202f190ba0d255alc9db3bf0f75029e533e18cc31638c6ae6b4



TensorFlow 2.0: Working with Images

Course completed by Eszter Báthory
Jul 24, 2024 at 12:41PM UTC • 40 minutes

Top skills covered

TensorFlow

Deep Learning

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Certificate ID: 3500dacf309360dea15b50adb5e4e4522d23acd5f140edc147a989550452600c



TensorFlow: Neural Networks and Working with Tables

Course completed by Eszter Báthory
Jul 24, 2024 at 07:17AM UTC • 43 minutes

Top skills covered

Neural Networks

TensorFlow

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Certificate ID: cff52a5747d26a748a97d38cadb0f32f6e78c3de749217e97013a3845886d911



TensorFlow: Working with NLP

Course completed by Eszter Báthory
Jul 25, 2024 at 12:50PM UTC • 41 minutes

Top skills covered

TensorFlow

Natural Language Processing (NLP)

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Certificate ID: 49010a0682a9de959582775e1ec0db80349d2ef69083fd24e052f4348d4bb34f