EUROPEAN INFORMATION TECHNOLOGIES CERTIFICATION INSTITUTE, ASBL.

Brussels, Belgium, European Union

# CERTIFICATE

## Patryk Kowalski

Has successfully completed test requirements of
The European Information Technologies Certification Programme

### EITC/SE/CPF Computer programming fundamentals

**Certification Programme examination result:** 66.67%

**Certification Programme description:**

Introduction to object-oriented and event-driven programming: variables and data types, overview of programming paradigms (imperative, procedural, structural, object-oriented and event-driven programming), idea of object-oriented programming (classes and objects, inheritance and polymorphism); Programming in C# on Microsoft .NET platform: .NET Framework, Visual Studio .NET programming environment, syntax and semantics of C# language (program structure, variables and data types, operations and operators, functions, methods, imperative data-flow structures), console applications, object aspect of C# language, object model of .NET environment, classes and objects in C#, creation of window-based applications (Windows Forms object model, forms, controls and attributes, event handling implementation); code re-usage and open-source software: object-oriented programming and code re-usage, free software idea, social networks programming

**Certificate Programme version/revision: EITC/SE/CPFv1r2**

CERTIFICATE ID: **EITC/SE/CPF/MDN/19004446**

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