



EUROPEAN INFORMATION TECHNOLOGIES CERTIFICATION INSTITUTE, ASBL.  
Brussels, Belgium, European Union



# CERTIFICATE

## Jacek Ziemski

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

### EITC/CP/PPF Python Programming Fundamentals

**Certification Programme examination result:**



100%

**Certification Programme description:**

Introduction: introduction to Python 3 programming; Getting started: tuples, strings, loops, lists and Tic Tac Toe game; Functions: built-in functions, indexes and slices, functions, function parameters and typing; Advancing in Python: mutability revisited, error handling, calculating horizontal winner, vertical winners, diagonal winning algorithm, iterators / iterables; Wrap up: wrapping up TicTacToe; Summarizing conclusion

**Certificate Programme version/revision:** EITC/CP/PPFv1r1



**CERTIFICATE ID: EITC/CP/PPF/SLJ26004422**

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