EUROPEAN INFORMATION TECHNOLOGIES CERTIFICATION INSTITUTE, ASBL.

Brussels, Belgium, European Union

# CERTIFICATE

## Ramy Kamal Saleh Mohamed

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

### EITC/CG/AF Interactive animation and graphics design software (Adobe Flash)

**Certification Programme examination result:** 93.33%

**Certification Programme description:**

Introduction: Adobe Flash format specification, working with Adobe Flash (animation, sound, video), problems with embedding Flash files on websites; Adobe Flash interface elements: workspace, tool groups (selection tools, transformation tools, drawing and painting tools, tools for creating basic shapes, tools for editing object properties, navigation tools), main menu, options for files in native Flash formats, functionality of available menus; Creation of objects in Adobe Flash: design tools (pen), drawing tools (pencil), shape modifications, text in Adobe Flash (static text, dynamic text, input text), object properties (filling, gradient); Bitmap: bitmap vectorisation; Animation: frames and stop-motion, motion animation (animation with multiple keyframes), animation properties, shape animations, working with symbols and instances (symbol editting); ActionScript: workspace, variables (variable types), arrays, operators, functions (function parameters), conditional statements, loops, properties of program elements, events; ActionScript practical use - simple flash game with Adobe Flash: scenario (description of the behaviour of each component), graphical elements preparation (elements design), exemplary game in ActionScript (analysis of code fragments and their applications, description of used functions)

**Certificate Programme version/revision: EITC/CG/AFv1r2**

CERTIFICATE ID: **EITC/CG/AF/JQF21004383**

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