

# Erik di Biase

Developer

📍 London  
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## Summary

I am an Italian student living in London, currently pursuing a BSc in Computer Games Programming at London Metropolitan University. Coding is something I enjoy and I'm passionate about, as a mean to develop games and software's. I'm also open minded, a team player and I fluently speak English and Spanish

## Education

**Istituto Tecnico per Geometri  
E.Masi**

Sept 2009 - June 2014

Diploma di Esame di Stato

High School Diploma

Grade : 73/100

- Italian
- Science
- English
- History
- P.E.
- Topography
- Construction
- Valuation
- Physics
- Maths

## Personal Skills

**Mother Tongue** Italian

**Other Languages**

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken Interaction	Spoken Production	
7.5	7.5	7	7	7
IELTS				

**Communication Skills**

I've been travelling around the world during my whole life, which made me very versatile and capable to improve and adapt to any work environment

**Job-Related Skills**

I can work under big pressure without losing my focus.  
I also respect deadlines and schedules when delivering my work.

# Technical Skills

## Solid Knowledge

- C++
  - Object Oriented Programming
    - Polymorphism
    - Inheritance
    - Containment
    - Encapsulation
    - Abstraction
  - Standard Template Library
    - Containers
    - Algorithms
  - Graphics Programming
    - OpenGL Pipeline
    - DirectX Pipeline
    - Shaders Handling
  - Finite State Machine
  - 2D/3D Transformations
  - File Handling (Binary / Text)
  - Iterators Handling
  - Predicates
  - Scripting
- GLSL-HLSL
  - Lighting
    - Point Lights
    - Directional Lights
    - Attenuation
    - Materials
  - Texture Mapping
    - Diffuse Mapping
    - Specular Mapping
    - Normal Mapping
  - Effects
    - Post-Processing

## Acknowledged About

- C
- HTML5, CSS
- JavaScript

## Familiar Tools

Operative Systems	IDE's	Libraries	Software's
Windows	Visual Studio 2013/2015/2017	SDL	Microsoft Office
	DevKitPro	FMOD	SmartGit
	Arduino	ASSIMP	AutoCAD
		GLM	Sublime Text
		GLEW	Fritzing
		TONC	