



Akira BAES

Software Engineer

Public CV

Freshly graduated in Computer Science

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Brussels Belgium

Specialisation :

- Software development
- Computational geometry
- Database manipulation
- Algorithms, modelisation and optimisation
- Creative thinking

Languages :

- French (native)
- English (proficient)
- Japanese (spoken)
- Dutch (notions)

Programming Languages :

- Python (proficient)
- C#, Unity (bases)
- C++, Java (bases)
- Javascript, PHP, HTML (bases)

Qualities :

Very calm and level-headed, logical thinking, strong visual imagination.

Interests in puzzles, videogame design, pixel-art, origami, edutainment.

Skilled in debugging, creating tools, crafting custom algorithms.

Striving to pair maths and logic with creativity.

Curriculum :

- **2013-21 [ULB] Master in Computer Sciences (graduated)**
 - 2011-13 [ULB] 1st year Bachelor in Civil Engineering
 - 2005-11 [Institut St.-Louis] CESS Latin-Sciences-Math
- Familial background : French and Japanese grown in Belgium.
Experimental multimedia artistic environment.

Portfolio :

[MA Thesis] [Rolling Polyhedrons on Tessellations \(github\)](#)
→ algorithm development & optimisation, mathematical proof
[Toolset] [GifTools](#) .py/.bat/.sh scripts to manipulate gifs
[Univ Project] Endangered Animals; Habitat Visualisation
→ bigdata aggregation, geopandas database, app. interface

Looking for : an entry-level position as developer.