AMAT GIL VIÑES

Student

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PROJECTS

S-IC-mulador
A fully fledged assembly emulator, featuring memory, memory-mapped IO

- Interactive link: https://amatgil.cat/utils/s-ic-mulador
- Language: Rust

Tubaitu
Hand-made graphical 2x2 Rubix Cube featuring standard half-moves, scrambling and solving

- Interactive link: https://amatgil.cat/jocs_misc/cub_tubaitu
- Language: Rust

Fractalitzador
Capable of drawing concrete fractals as well as from their L-System grammar specification (with adjustable parameters)

- Interactive link: https://amatgil.cat/jocs_misc/fractals
- Language: Rust

Tau Memorizer
A gamified applet to memorize, digit by digit, the value of the true circle constant: tau

- Interactive link: https://amatgil.cat/jocs_misc/tau_mem
- Language: JavaScript + HTML + CSS

Game of Life
A performant, scalable, interactive Game of Life simulator

- Interactive link: https://amatgil.cat/altres/game_of_life
- Language: Rust

Boron
An expression-driven scripting language based exclusively around prefix expressions

- Source code: https://github.com/amatgil/boron/tree/master/examples
- Language: Haskell

Resume/CV
The document you're looking at!

- Source code: https://github.com/amatgil/resume
- Language: LaTeX

Breakbreak
Breakout, written as to maximize code readability, ergonomics and user experience (UX)

- Source code: https://github.com/amatgil/breakbreak
- Language: Uiua

LANGUAGES

Rust   Uiua   Haskell
Common Lisp   LaTeX

PARADIGMS

Strong typing   Dynamic typing
Lisp (meta)   Array & stack based
Functional   Imperative

SPOKEN LANGUAGES

English
Certified Proficiency, C2

Spanish
Native

Catalan
Native