AMAT GIL VIÑES

Student

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PROJECTS

S-IC-mulador

A fully fledged (custom) assembly emulator, featuring memory, memory-mapped IO and and execution analysis

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

Tubaitu

Hand-made graphical 2x2 Rubix Cube featuring standard half-moves, scrambling and a home-brewn solving algorithm

- 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 with a strong focus on UX

- 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

Wawa

One of a kind, uiua-specialized discord bot

- Source code: https://github.com/amatgil/wawa
- Language: Rust

Breakbreak

Breakout, written as to maximize code readability, ergonomics and user experience (UX), in a concatenative array language

- 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