



Thomas Amighi

Software developer

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🐙 <https://github.com/tamighi>

🚗 Driving licence

## Education

**School 19**  
July 2021 – Sep 2022

Deep dive into software development; the school 19 (42 network) offers an original way of teaching in the form of projects implementation and peer to peer evaluation

<https://campus19.be/>

**ULB**  
Sep 2018 – June 2021

Master's degree in neuropsychology; Courses in neuropsychology, neurology and research in this field (neuropsychology of aging, of language, statistics, ...)

**ULB**  
Sep 2015 – June 2018

Bachelor's degree in psychology (clinical psychology, social psychology, data analysis, educational psychology, neuropsychology, ...)

## Programming project examples

**Typescript  
(React/Nestjs)**

Website with frontend and backend, offering correction services (Reusable components and hooks, datagrids, forms, postgres/typeorm, authentication, ...) ↗

**C++**

Implementing STL containers like vector and map (Memory management, data structures, iterators, ...)

Web server (nginx config parsing, multiple request and response management, ...) ↗

**C**

Raycasting / Video games (ray casting implementation, FPS game logic, enemy AI, game states, ...) ↗

## University experience

**Erasme**  
Sleep lab internship

EEG analysis of the brain's activity during sleep, management of an insomnia group therapy and writing medical reports

**ULB**  
Research internship

Implementation of a project to analyze school facilities and its benefits on the children's well-being, analysis of the data with R, writing a scientific report and presentation of the project in front of a comity

## Skills

• C / C++  
• Typescript (React/Nestjs)  
• CSS

• Python  
• Git  
• SQL

## Profile

I'm a curious young developer looking for experiences to start my work career. I've found a passion in programming after obtaining a master's degree in neuropsychology and quickly managed to acquire solid knowledge in computer science thanks to the school 19, which proposes an interesting program contrasting with traditional teaching.

I am now growing my passion through different personal projects in different fields, including data analysis, video game algorithms and web development while looking for a first job.

## Hobbies

- Music (violin)
- Sports (outdoor running, yoga)
- Learning (coding, modeling, finances, ...)

## Languages

- French: Native proficiency
- English: Professional working proficiency

