


# Lucas Nouguier

Software Engineer

## Contact

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 Montpellier, France

 CodinGame profile



## Languages

French (native), English (advanced)



## Education

### Software engineering degree

Polytech Montpellier . . . . . 2021 — 2024



## Soft skills

Autonomous

Energetic

Teamwork oriented

Proactive

Curious



## Personality

Scripting ———●——— Compiled

Technical —●——— Functional

Front-end ———●——— Back-end

Self-reliant ———●——— Teamwork



## Certifications

➤ TOEIC: 950 / 990

➤ Driver's license

➤ First aid in teams



## Interests

Martial arts

Hiking

Cycling

Horse riding

## About me



Enthusiastic baby software engineer, I enjoy learning new things and tend to go 'in depth' rather than 'in breadth'. I began involving myself in conferences since 2022 and joined the Scala open-source community in 2023

Scala and functional programming are my current passions. I also recently discovered with Scala.IO's website that CSS can be fun

ArchLinux user, I enjoy using the command line for a better understanding (git included even though I sometimes need to hard-reset to clean up. . .)

## Main Skills



**Paradigms** Functional, Object-oriented

**Languages** Scala, Typescript, Java

**Frameworks & libraries** Nestjs, React

**Databases** SQL (Postgres)

**Tools & Platforms** Git, GitHub, Docker



## Experiences



### Software Engineer Intern (link)

Apr. 2023 — Aug. 2023

Scala Center, EPFL

Scala, Git, JVM, Scala-Java Interoperability, Reflection

- Improved the Scala debugger in VS Code with a faster and more flexible expression evaluation mode. Helped with hot code reloading implementation
- Compiler-related problems: type checking, types & overloads resolution. . .
- Made a video about how to write concurrent code in Scala with Future
- Initiation to the Scala 3 compiler with the compiler academy

### Assistant Software Engineer

Jun. 2022 — Aug. 2022

Teads France

Scala, Cats-Effect, gRPC, MySQL, React (TS), Git, Cypress

- Full-stack development of the new version of their demo application
- Handled each feature from the database to the UI (code, test, deploy)



## Open source

### Scala Debugger Adapter

2023—.

Scala Center &amp; personal time

Implementation of the Scala debugger for VS Code & follow up of my internship at the Scala Center.

### Scala Collections

2023—.

Personal time

Joined the scala-collections team to review pull-requests on Scala's collections

### Scala 3 (Dotty)

2023—.

Scala Center &amp; personal time

Onboarded on the compiler with the [compiler academy](#) to work on small issues.

## Associative

### Organizer

2022 — today

Sunny Tech

### Volunteer

Sept. 2023

Scala Days Madrid

★ <https://sunny-tech.io>★ <https://scaladays.org/madrid-2023>★ Community Management ([LinkedIn](#), [Twitter](#))

★ Track hosting (speaker presentation, time + Q&amp;A management)

★ Call For Papers reviewer (450 talks)

★ 2023 — today: Secretary

★ Mentoring at [Scala Bridge](#) (co-located event)

### Organizer

2023 — today

ScalaIO

★ <https://scala.io>

★ Call For Papers reviewer

## Others

### Website maintainer

Dec. 2023 — today

ScalaIO

*Scala, Scala.js, Laminar, Sass, Github Actions, Clever Cloud*

Continued the work of the previous maintainer to rework the website with [Scala.js](#) and [Laminar](#) to build reactive SPA (Single-Page Application) with Scala. Used the [Sass](#) pre-processor to style the website.

- Github Actions
- Clever Cloud deployment
- CSS Selectors

Website URL: <https://scala.io>

Github repo: <https://github.com/ScalaIO/scala.io>

### Course

Nov. 2023

Polytech Montpellier

*Functional Programming, Type Classes, Scala, Parsers*

Gave a 3h course (for the first time) about building parsers with functional programming to master students, based on the [Parser combinators](#) workshop from [Noel Welsh](#):

- Reminders about Scala & Functional Programming
- Design with Functional Programming (type classes)
- Frequent and small exercises to apply the concepts

The slides are available at

<https://iusildra.github.io/reveal.js/presentations/functional-design-parser-combinators/index.html>

