

Lucas Nouguier

Software Engineer

Contact

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

Scala and functional programming are my current passions. I also recently

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...)

since 2022 and joined the Scala open-source community in 2023

discovered with Scala.IO's website that CSS can be fun

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About me -

CodinGame profile

A **Ż** Languages

French (native), English (advanced)

Education

Software engineering degree

Polytech Montpellier 2021 — 2024

Soft skills

Autonomous | Energetic

Teamwork oriented

Proactive Curious

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

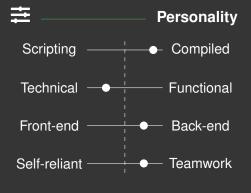
- Improved the Scala debugger in VS Code with a faster and more flexible expression evaluation mode. Helped with hot code reloading implementation
- Compiler-related problems: type checking, types & overloads resolution...
- > Made a video about how to write concurrent code in Scala with Future
- Initiation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





Certifications

- TOEIC: 950 / 990
- Driver's license
- > First aid in teams



Interests

Martial arts

Hiking

Cycling

Horse riding



Open source -

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Scala Debuger Adapter

2023—.

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

2023—.

Onboarded on the compiler with the compiler academy to work on small issues.

Volunteer

Associative -

Scala 3 (Dotty)



Organizer 2022 — today Sunny Tech

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Sept. 2023 Scala Days Madrid

- ★ https://sunny-tech.io
- ★ Community Management (<u>LinkedIn</u>, <u>Twitter</u>)
- ★ Call For Papers reviewer (450 talks)
- ★ 2023 today: Secretary

- ★ https://scaladays.org/madrid-2023
- ★ Track hosting (speaker presentation, time + Q&A management)
- ★ Mentoring at <u>Scala Bridge</u> (co-located event)

Organizer

2023 — today

······ ScalalÓ

- ★ https://scala.io
- ★ Call For Papers reviewer

Others -



Website maintainer Dec. 2023 — today

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

Continued the work of the previous maintainer to rework the website with <u>Scala.js</u> and <u>Laminar</u> 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 programing to master students, based on the <u>Parser combinators</u> workshop from <u>Noel Welsh</u>:

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

The slides are available at

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

