

# Lucas Nouguier

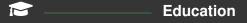
Software Engineer

### Contact

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- in linkedin.com/in/lucas-nouguier
- Montpellier, France
- CodinGame profile

#### ΑŻ Languages

French (native), English (advanced)



Software engineering degree Polytech Montpellier . . . . 2021 — 2024

Soft skills

Autonomous Energetic

Teamwork oriented

Proactive Curious

Scripting -

Technical

Front-end

Self-reliant -

**Personality** 

Compiled

Functional

Back-end

Teamwork

Certifications

About me -

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...)

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

Following my experience at the Scala Center, I kept on contributing to the

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

Scala and functional programming are my current passions

Scala debugger for VS Code, and a few other projects

# 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)



Interests

Martial arts Hiking

TOEIC: 950 / 990

First aid in teams

Driver's license

Cycling Horse riding



# Open source –

Scala Debuger Adapter

2023—. Scala 3 (Dotty)

····· Scala Center & personal time Implementation of the Scala debugger for VS Code Onboarded on the compiler with the & follow up of my internship at the Scala Center.

····· Scala Center & personal time compiler academy to work on small issues.

Scala Collections

····· Personal time

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

MOOCs -



Advanced Scala ····· RockTheJVM

- ★ Monads ★ Variance ★ Type Classes
- ★ Pure functions ★ Given & Using (Implicits) ★ Concurrency

## Associative –



Organizer 2022—. Sunny Tech

Volunteer Sept. 2023 ..... Scala Days Madrid

- ★ <a href="https://sunny-tech.io">https://sunny-tech.io</a>
- ★ Community Management (LinkedIn, Twitter)
- ★ Call For Papers reviewer (450 talks)
- ★ 2023—.: 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—.

..... ScalalO

★ https://scala.io/

Others -



Nov. 2023

Course

Polytech Montpellier

Gave a 3h course (for the first time) about building parsers with functional programing to master students, based on the Parser combinators workshop from Noel Welsh. The slides are available here:

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

