Lucas Nouguier (21 y.o.)

`Option.empty[String]`

Contact

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- ⌂ Montpellier, France
- ⚙ CodinGame profile

Languages

French (Native)

English (Advanced)

Soft skills

Autonomous Energetic

Teamwork oriented

Proactive Curious

Personality

Scripting ——————●— Compiled

Technical ——●——————— Functional

Front-end —————●——— Back-end

Remote ——●——————— On-site

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

Education

Engineering degree in Computer Science   **2021 — 2024**
·· **Polytech Montpellier, France**
Polytech Montpellier is a French engineering school at Montpellier, France. This degree is equivalent to a Master's degree
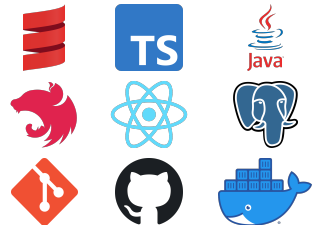
Main Skills

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 evaluation mode

➢ Encountered problems similar to those of a compiler: type checking, types resolution, overloads resolution. . .

➢ I intend to keep upgrading it to make it more efficient, accepts more expressions, correct bugs. . .

Assistant Software Engineer   Jun. 2022 — Aug. 2022
·· **Teads France**
Scala, Cats-Effect, gRPC, MySQL, React (TS), Git, Cypress

➢ Full-stack development of the v2 of their demo application

➢ Handled each feature from the database to the UI (code, test, deploy)

Projects

Student Union Website (link)   **2022—.**
.... **Student Union**

I rebuilt from scratch the website of the student union of my school. I began with React + Express, then migrated to Nestjs + Prisma & Nextjs. It helped me realize how important are design patterns
The front-end, back-end and the database (PostgreSQL) are deployed on a Dokku server within Polytech, with a custom domain name hosted on Google Domains

Scalafix Remove Tokens (link)   **2023—.**
.... **Open-source**

While working on the Scala Debug Adapter with MUnit, I often forgot to remove the `.only` test tag before pushing my code (resulting in CI crash). So I created a Scalafix rule to remove all the `.only` tags from my codebase. Then I plan to add some configurations to make it more generic and publish it for broader usage.

MOOCs

Advanced Scala   **2023**
.... **RockTheJVM**

- ★ Monads
- ★ Variance
- ★ Type Classes
- ★ Given & Using (Implicits)
- ★ Concurrency
- ★ etc.

Associative

Organizer   **2022—.**
.... **Sunny Tech**

- ★ https://sunny-tech.io/
- ★ Community Manager (LinkedIn, Twitter)
- ★ Call For Papers reviewer (450 talks)
- ★ Track hosting (time management, Q&A 'helper')
- ★ Attendees / sponsors guidance

Organizer   **2023—.**
.... **ScalaIO**

- ★ https://scala.io/
- ★ Sponsors fishing

Volunteer (Upcoming)   **Sept. 2023—.**
.... **Scala Days Madrid**

- ★ https://scaladays.org/madrid-2023/
- ★ Track hosting