

Joris Guyonvarch

Developer

 [guyonvarch.me](https://github.com/guyonvarch)
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EXPERIENCE

Developer

Dividat, Schindellegi – since 2019

Prevent falls with technology-based training therapy which promotes autonomous mobility and functional independence in old age, after an accident or illness.

[Scala](#) [Elm](#) [Nix](#) [Python](#) [PostgreSQL](#)

Developer / Tech Lead

Zengularity, Paris – 5 years

Web Oriented Architecture (WOA) for information systems :

- Training platform for the unemployed in Seine-Saint-Denis.
- File house insurance claims for Saretec.
- Unit and automatic franking of Colissimo labels for La Poste.
- Participant's pages for the Mutuelle Nationale Territoriale (MNT).
- Food sample analysis with results visualization for Adisseo.

[Scala](#) [Scala.js](#) [Elm](#) [Akka](#) [Play!](#) [MongoDB](#) [PostgreSQL](#) [ElasticSearch](#)

Phd Intern

IRISA, Rennes – 5 months

Scalable query-based faceted search for guided and expressive search on the semantic web.

[Semantic Web](#) [Scala](#) [Java](#) [LaTeX](#) [GWT](#) [Jena](#)

R&D Engineering Intern

Mission Critical IT, Bruxelles – 3 months

Guided querying and edition of semantic web information.

[Semantic Web](#) [Mercury](#)

EDUCATIONAL BACKGROUND

Master of Science Computer Science

INSA, Rennes

- Language
- System
- Network

Master of Research Computer Science

University of Rennes I

- Machine learning
- Modelisation
- Data indexation

SKILLS

Technical lead

- Create tasks and subtasks from functional needs.
- Optimise task order for the development team.

Developer

- Program with functional languages (Haskell, Scala, Elm).
- Build web applications (HTTP protocol; HTML, CSS, Javascript and JSON languages).
- Interact with data (SQL, MongoDB, SPARQL).
- Work with versioning (Git).
- Review code and test functionalities.
- Write bash scripts.

Researcher

- Conduct a bibliographic research.
- Build a prototype and experiment from it.

- Analyse the results from an experimentation and check the hypotheses.
- Present a research study through an article and a slideshow (LaTeX).

INTERESTS

- Tune my workstation (NixOS, i3, bépo keyboard layout).
- Create video games (SDL, Elm).