



# Leo Vivier

SOFTWARE DEVELOPER · DEVOPS ENGINEER · DIGITAL INNOVATION SPECIALIST

Paris, France

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## Work Experience

### Qomon

BACKEND SOFTWARE DEVELOPER

- Qomon is a CRM platform for NGOs, politics and advocacy groups.
- Software engineering, data engineering, database engineering, product development, DevOps & client support.

Paris, France

May 2023–Now

### Emacs Research Group (ERG)

CO-FOUNDER, MEMBER & PAST CHAIR

- Think tank on the future of the Emacs platform with weekly sessions.

Remote

Dec. 2020–Now

### EmacsConf 2020, 2021 & 2022

CO-ORGANIZER & SPEAKER

- Presentations on the functionalities and the development of Org-Roam.
  1. 📄 An Emacs Developer Story: From User to Package Maintainer (2020).
  2. 📄 Org-Roam: Presentation, Demonstration, and What's on the Horizon (2020).
  3. 📄 Org-Roam: Technical Presentation (2020).

Remote

Nov. 2020, Nov. 2021, Dec. 2022

### Ministère de l'Éducation nationale et de la Jeunesse

CERTIFIED ENGLISH TEACHER IN HIGH-SCHOOLS

Academy of Versailles, France

Sep. 2019–Dec. 2020

## Skills

### Programming

EXPERT Lisp, Bash · ADVANCED Go, Python, Rust, POSIX Shell · INTERMEDIATE C, Node.js, JavaScript, TypeScript, Haskell, Lua

### DevOps

VIRT. Docker · ORCH. Dokku · VCS Git, Gitolite · CI/CD GitHub, Netlify · AUTO. Ansible, GNU Make · CLI/TUI Cobra

### Data

SQL Postgres, SQLite, MariaDB, MySQL · ENCRYPTION GPG, LUKS, TLS · NOTEBOOKS Org-Babel, Jupyter

### Misc.

EDITOR Emacs, VIM · UI/UX React, SASS · DOC. L<sup>A</sup>T<sub>E</sub>X · MUSIC Piano · SPORT Swimming

### Languages

EXPERT English, French · INTERMEDIATE Italian, Japanese, Korean

## DevOps Projects

### Org-Roam-UI-Remote: Development & Deployment

UNIVERSITY CONTRACT WITH 📄 UWE BRISTOL

- Based on 📄 Org-Roam-UI, but works without an Emacs server.
- Added a note-publishing pipeline: Emacs/Elisp, Node.js, NGINX.

🔧 hyperreal.enterprises

Jan. 2023–Now

### EmacsConf 2020, 2021 & 2022

CO-ORGANIZER, TEAM LEAD & DEVOPS ENGINEER

- Project management: timing, deliverables, collaborator on-boarding: 🗣️ Gitolite, 🗣️ Ansible, 🗣️ Ikiwiki, Emacs/Elisp.
- Developed and managed pipelines for prerecorded presentations:
  - 📄 PsiTransfer (file drop), 📄 Whisper (AI-based subtitling), 📄 FFMPEG (re-encoding).
  - Ansible-provisioned scripts in Python, Go, Shell (Bash & POSIX), AWK, and Elisp.
- Co-developed and managed the streaming and broadcasting setup: Icecast, RTMP, OBS, TigerVNC
- Managed the server cluster for post-processing, streaming and broadcasting: DNS, Docker, GNU Parallel.
- Wrote internal documentation and training material for collaborators: 📄 Wiki.

🔧 emacsconf.org

Sep. 2020–Now

## Open-Source Projects

### Org-Roam

CO-AUTHOR & CO-MAINTAINER, SPECIALIZED ON THE ORG-MODE ECOSYSTEM

- Emacs software for creating notes and relating them based on 🗣️ RoamResearch and the 📄 Zettelkasten method.
- 4 900+ ☆ on 📄 GitHub in 3 years with an active community of 5 000+ members on 🗣️ Slack and 🗣️ Discourse.
- Interface with other Emacs software via 🗣️ Org-Roam-BibT<sub>E</sub>X: 🗣️ Org-Ref, 🗣️ Helm-BibT<sub>E</sub>X and 🗣️ Org-Noter.

🗣️ Org-Roam

Apr. 2020–Now

### Ranger

MAINTENANCE ASSISTANT & ACTIVE CONTRIBUTOR

- File-manager for terminals based on 🗣️ VIM with 13 000+ ☆ on 📄 GitHub.

🗣️ Ranger

Jul. 2018–Now

### Other Projects

CO-MAINTAINER, CONTRIBUTOR

- 🗣️ CRDT.el, 🗣️ Org-Mode, 🗣️ Emacs, 🗣️ Helm-BibT<sub>E</sub>X, 🗣️ Lispy, 🗣️ Ace-Link.

🗣️ Profile

Jul. 2018–Now

## Education

### CY Cergy Paris Université

MA IN ENGLISH EDUCATION (MEEF)

Cergy, France

Aug. 2019–Jun. 2020

### Université Rennes 2

BA & MA IN ENGLISH STUDIES ('AIRES ANGLOPHONES'), FIELD: BRITISH LITERATURE

Rennes, France

Sep. 2012–May 2018

- International exchanges: The University of Manchester (Sep. 2013–Jun. 2014), Reed College (Aug. 2017–May 2018).