

Leandro Doctors | Software Engineer

Berlin, Germany

✉ ldoctors@gmail.com • in leandrodoctors • allentiaak

Summary

- Self-Driven MSc. in Information Systems, with 15+ years of Experience, both in the Private and Public Sectors, across 4 diverse Areas of Expertise (Software Development Services, Border Control Management & Civil Aviation, Higher Education, and Data-Driven Research).
- Seasoned Free & Open Source Expert, with Accepted Contributions to Debian and 15+ other globally distributed Free & Open Source software projects & communities.
- International & Multicultural Exposure in Europe, South America, and Central Africa. Hyperpolyglot.

Technologies

Main Language: Clojure(Script)

CLJ(S) Libraries: reitit, malli, shadow-cljs

Software Craftsmanship: Agile, TDD, RDD, Pair Programming, Code Reviews, CI/CD

Data Science & Analysis: R, SQL, Cypher

Version Control: git

Infrastructure: Docker, Podman

OSes: Debian GNU/Linux, GhostBSD

Other Languages: Java, Go, Python...

Web: HTML, CSS

Approaches: Domain-Driven Design (DDD), Systematic Software Design (HtDP)

Databases: PostgreSQL, ONGDB

Text Editor & IDE: Spacemacs

Documentation: L^AT_EX

Work Experience

Clojure Developer: @Flexiana (UK & Czechia, Remote)	2022
FLOSS Developer: @Several free, libre, & open source projects (Remote)	since 2014
Lecturer: @ UNTREF / UNQ / UNSJ (Argentina)	since 2016
IT Support Engineer: @Securiport (Equatorial Guinea)	2015
Research Assistant: @UMons, KU Leuven (Belgium)	2010-2012
Java Developer: @Novabase (Portugal)	2008-2009
Sysadmin: @UNSJ (Argentina)	2003-2004
Co-Funder & Community Leader: @GUSILA Free Software Users Group	2002-2005

Open Source Contributions

- to Debian, during my participation in GSoC 2021:
 - Setup the Debian packaging development environment sbuild, and acquired proficiency with it.
 - Identified all the missing dependencies to the clojure-cli package.
 - Packaged almost all of them, adding 2 new packages, and updating 1 existing package.
 - All of the aforementioned packages have been uploaded into the upcoming Debian 13 release, codenamed "trixie".
- Countless contributions (code, documentation, leadership) to 15+ other projects since 2007.

Demonstrated Competencies

Communication & Engagement

- Public speaker in international technical events in Europe & South America (London Clojurians, BOBKonf, FOSDEM, JRSL, BeNEvol...) for international audiences of 100+ experts.
- 2 short, peer-reviewed Publications Accepted in international scientific venues.
- Engaged with communities distributed across the world, fostering win-win relationships that continue to last until this day.

Leadership, Community Building

- As a Clojure developer, actively spearheaded the initiative to drive engagement with the broader developer community throughout the organization.
 - Recruited, led, and mentored a team of colleagues to take on the management of an online LatAm Clojure developer community.
 - The activities I orchestrated for this community significantly heightened the company's visibility, and paved the way for future talent acquisition, while earning the commendation from the broader LatAm Clojure developer community.

Data-Driven Awareness Improvement

- As a Research Assistant, conducted a preliminary analysis of the dynamic co-evolution processes within two closely related free and open source communities (Debian and Ubuntu).
 - Provided valuable insights into their intricate social interactions, mining data from publicly available records (source code and documentation changes, mailing list archives...).

Initiative, Empowering & Developing Others, Hands-On attitude

- As a Lecturer at UNTREF, conducted a comprehensive assessment of the CS Lab's IT infrastructure.
 - Identified strategic opportunities for the deployment of Open Source Software desktops, and secured stakeholders' support.
 - Conceptualized, led, and supervised the successful deployment of this initiative.
 - The newly available infrastructure allowed students to gain hands-on expertise with key open source technologies and practices (Git, TDD), way before they became the new normal.
- As a Student, Spearheaded spreading of free-&-open-source-related policies within local Faculty, becoming a referent in the subject.
 - Organized technical talks and community workshops that gathered 100+ of participants and attained coverage by the local press.

Languages

English: C1 (*full proficiency*)

German: A1+ (*improving it!*)

Spanish: C2 (*mother tongue*)

French: C1 (*full proficiency*)

Portuguese: C1 (*full proficiency*)

Dutch: B1 (*limited proficiency*)

Italian: A1 (*elementary proficiency*)

Education

National University of San Juan, Argentina

Master in Information Systems

2008

Master Thesis: "Libre Grid technology for HPC" - Grade: 10/10 ("Outstanding")