

Morane Ottilia GRUENPETER

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EDUCATION

2015-2017 *Master in Software engineering (STL)*
Paris, France — Université Pierre et Marie Curie, Paris VI.

2012-2015 *Bachelor in Computer Science*
Paris, France — Conservatoire national des arts et métiers.

2008-2011 *Bachelor of musique (Harp)*
Jerusalem, Israel — Rubin Academy.

EXPERIENCE

*Research software engineer and metadata specialist
For H2020 Eu project Crossminer and Software Heritage*
Affiliation- UNIVAQ - University of L'Aquila [Italy]
Location- Paris, France — 2017-today

Specializing in solving the software metadata challenge by :

- collecting existing metadata by implementing the metadata indexer
- researching software ontologies and vocabularies
- integrating the metadata into the Software Heritage archive
- creating tools for detecting and translating intrinsic metadata
- designing and specifying the software deposit through HAL
- establishing the moderation process for software in HAL
- specifying the metadata aspects for legacy software

Research Intern for Software Heritage
Paris, France — 2017 (six months internship).

Developer and UX designer for Vidata (MySuperSouvenir)
Paris, France — 2015 (six months internship).

Technical computer support for individuals
Paris, France — 2012-2014

Harpist (events and orchestra)
Jerusalem and Tel-Aviv, Israel — 2008-2011

IDF military service, professional training administrator
Tel-Aviv, Israel — 2006-2008

PUBLICATIONS

- Roberto Di Cosmo, Morane Gruenpeter, Stefano Zacchiroli. Identifiers for Digital Objects: the Case of Software Source Code Preservation. *iPRES*, Sep 2018, Boston, United States. pp.1-9, [10.17605/OSF.IO/KDF56](https://doi.org/10.17605/OSF.IO/KDF56). [hal-01865790v4](https://hal.archives-ouvertes.fr/hal-01865790v4)
- Yannick Barborini, Roberto Di Cosmo, Antoine R. Dumont, Morane Gruenpeter, Bruno Marmol, et al.. The creation of a new type of scientific deposit: Software. *RDA Eleventh Plenary Meeting, Berlin, Germany*, Mar 2018, Berlin, Germany. [hal-01738741](https://hal.archives-ouvertes.fr/hal-01738741)

SUMMARY

Dynamic, rigorous and adaptable, with a solid knowledge in several programming languages. Specialized in ontologies, software metadata and linked data in the aim of building the semantic web of Free and Open Source Software .

SKILLS

Modelisation ***Merise / ***UML

Programming ***Java/ **Python/ ***SQL /

Web ***HTML 5 / ***CSS 3 / ***Javascript /
**jQuery / **json-ld / **XML

Research *Reinforcement Learning/ **Data
structure/ **operational research /
Linked data / *SPARQL / *CodeMeta

LANGUAGES

***French / ***English / ***Hebrew.

* initiated ** good level *** mastery

LEISURE

Cinema, jazz, running, yoga

VOLUNTEER EXPERIENCE

*Founder of the Israeli Harpists Society
(IHS) 2010-2016*