

Daniele Serafini

Personal Information

Nationality: Italian
Date of Birth: 20/09/1997
Email: me@danieleserafini.eu
Github: github.com/DanSeraf

Education

Master of Computer Science in Networks and Information Systems 2020 - Ongoing
University of Turin

Bachelor of Science in Computer Science 2016 - 2020
University of Camerino

Economic High School “A. Gentili” of Macerata 2011 - 2016
Istituto Tecnico Economico – Piano Sistemi Informativi Aziendali

Work Experiences

Google Summer of Code - *student* 06/2021 - 08/2021
I took part at the Google Summer of Code with the Software Heritage team improving the [code scanner tool](#). During the GSoC i mainly worked at the refactoring of the scanner model and the integration of new scan approaches in order to verify the status of a software artifact against the [Software Heritage Merkle DAG](#).

Inria, Software Heritage team - *Intern* 02/2020 - 05/2020
At the end of my bachelor studies I worked with the professor Stefano Zacchiroli at Software Heritage creating a license compliance code scanner tool using as a backend one of the biggest known open source code knowledge base.

Collaboration as Cisco WebEx Assistant - *Assistant* 11/2018 - 01/2019
I worked in various faculty of my university managing computer systems and helping professors and students with the Cisco Webex platform.

Languages

Italian Mother tongue	English Fluent
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Skills

Programming Languages

- Python (Self taught)
- C (Self taught, University)
- Java (University)
- Lua (Self taught, University)
- R (University)

Databases

- MySQL (University)

- MariaDB (Self taught)
- PostgreSQL (Self taught)

VCS

- Git (Self taught)
- Phabricator (Self taught)

Operating Systems

- Familiar with the Linux operating system, kernel, shell
- Currently using Gentoo on my personal computer
- Advanced programming in the Linux environment

Most relevant books read

- E. S. Raimond, The Art of Unix Programming
- J. Kurose, K. Ross, Computer Networking: a Top-Down Approach
- Brian W. Kernighan, Dennis M. Ritchie, The C ProgrammingLanguage