

# François-David Collin - CV

Polyvalent computer scientist

Research engineer in statistics and machine learning

I work for the [CNRS](#), at the [Alexander Grothendieck Montpellier Institute \(IMAG\)](#), [Montpellier University](#), France, since 2015.

Technical support team member of a journal

[Computo](#) is a statistics and machine learning oriented open peer-reviewed journal (ISSN 2824-7795) of the [French Statistical Society \(SFdS\)](#) with a focus on open and reproducible science.

Part-time lecturer at MIASHS, Paul Valery University

I teach parallel computing and HPC at the graduate level in the [MIASHS](#) (Mathematics, Computer Science and Applied Sciences to Social Sciences) department of [Paul Valery University](#), Montpellier, France.

Artist-Engineer

On, my free time, I'm also member of the [Associative Laboratory of Art and Botany \(LAAB\)](#), a non-profit collective of artists, engineers, and scientists.

## Former positions

- Research engineer at [CNRS](#), working at [Linear Accelerator Laboratory \(LAL\)](#) (physics lab), [Paris-Sud University](#), Orsay, France, 2010-2015
- Computer engineer at [Institut Curie](#) (cancer research), Paris, France, 2000-2008

## Education

- Engineering degree, computer science at [CentraleSupélec](#), Paris, France, 1996-1998, 2010
- M1, History and philosophy of science and technology, [Denis Diderot University](#), Paris, France, 2008-2009

## Personal information

- Montpellier, France
- Phone: +33 6 88 28 16 43
- Email: [François-David.Collin](mailto:François-David.Collin)
- [GitHub](#)
- Deaf of birth, cochlear implant user

## Main competences

- Software development and engineering
- Devops
- Machine learning, deep learning
- High performance computing
- Data science
- Data visualization
- Parallel computing
- Publishing tools (Quarto, LaTeX, Pandoc, Jupyter, etc.)
- Reproducible research
- System administration
- Web development
- Web design
- Art&Science

## Main programming languages

- C++
- Python
- F#
- JavaScript
- Lisp/Scheme
- R
- Bash