XAVIER GRAND

M.S. in Bioinformatics
Programming oriented diploma.

📍 Toulouse, France

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🐙 github.com/XavierGrand

🖱 linkedin.com/in/XGrand

Experienced in bio-analyses, I'm obtained a master's degree in bioinformatics. I'm trainned in different programming languages, data analysis methods and machine learning.

M.S. Bioinfo
University of Montpellier

Handling new challenges, I'm looking for an informatics/programming position. As a career evolution, I'm highly motivated by new skills development and good programming practice.
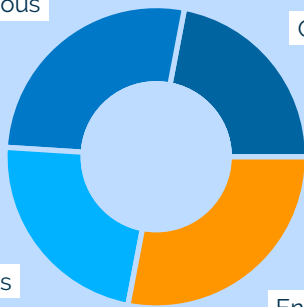
SKILLS AND TECHNOLOGIES

I acquired computer skills thanks to my adaptability. Due to my scientific back-ground, I'm used to project management and my qualities are an analytical intelligence, synthesis and creativity.
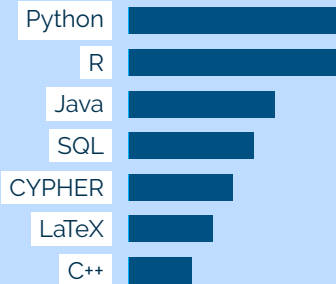
Autonomous
Quick Learner
Curious
Enterprising

LANGUAGES

🏳 French, native

🏳 English, fluent

🏳 Spanish, scholar

- Python
- R
- Java
- SQL
- CYPHER
- LaTeX
- C++

Successfully completed education in Java, C++ and Python programming. Realization of educational projects: parsing genomics data in python and C++, Relational and Graph Data Base creation, Multi-omics data analysis in R and Python.

PUBLICATIONS

2019 Frontiers in Plant Science: « An SSR-SNP Linkage Map of the Parasitic Weed Orobanche Cumana Wallr. Including a Gene for Plant Pigmentation ».

2016 The New Phytologist: « Integration of Decoy Domains Derived from Protein Targets of Pathogen Effectors into Plant Immune Receptors Is Widespread ».

2012 Plant Biotechnology Journal: « Identification of Positive and Negative Regulators of Disease Resistance to Rice Blast Fungus Using Constitutive Gene Expression Patterns ».

2010 BMC Plant Biology: « Preformed Expression of Defense Is a Hallmark of Partial Resistance to Rice Blast Fungal Pathogen Magnaporthe Oryzae ».

EXPERIENCE AND EDUCATION

2021

Experience | Events | Education

- 4/2020 Maths Institute Toulouse
- 1/2020 8th Montpellier Omics Days
- 8/2019 M.S. Bioinformatics
- 1/2019 Retraining in Bioinformatics
- 7/2017 14th WC on Parasitic Plants
- 5/2016 Post-doc Biogemma/INRA
- 6/2015 WHV Australia
- 10/2014 Biostatistician, Limagrain Eu
- 5/2014 Bioanalyst, Limagrain Europe
- 10/2012 Bioanalyst, Biogemma
- 12/2011 Ph.D, Montpellier Supagro

2012