XAVIER GRAND

M.S. in Bioinformatics

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Experienced in bio-analyses, I'm curently pursuing a master's degree in bioinformatics. With a background in plant biology, I speak different languages as genetics, plant breeding and informatics.

M.S. Bioinfo

University of Montpellier

Handling new challenges, I'm looking for a bioinformatics-oriented data management and analysis position.

SKILLS AND TECHNOLOGIES

Initially graduated in Plant integrative biology, I acquire bioinformatics skills to manage flood of biological data produced by new technologies.

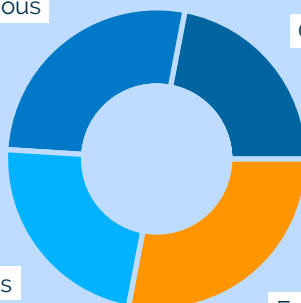## LANGUAGES

- French, native
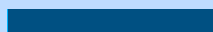- English, fluent
- Spanish, scholar
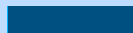

- Autonomous
- Quick Learner
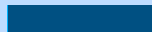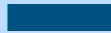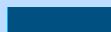- Curious
- Enterprising

Python

R

Java

SQL

CYPHER

C++

LaTeX

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