

# O'Donnell Timothée

26 years old  
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## Current occupation

**PHD: Modeling the influenza polymerase, methods and applications.**

**University: UCA, Research institution: Inria Sophia**

**Antipolis - France - started: october 2018**

**Research team: Algorithm Biology Structure(ABS)**

**Supervisor: Dr Frédéric Cazals**

## Master's degree Bioinformatics

**Paris 11 University, Orsay France**

**Master's degree first year (BIBS) — 2016-2017**

Courses : c, java, perl, python, theoretical algorithmic, statistics, Databases, sequence analysis, structural biology, machine learning, Modeling of biological systems and networks.

**Master's degree second year (AMI2B) — 2017-2018**

Courses : Theoretical informatic :graph and language theory, Advanced database optimisation, Statistical learning, Web programming, Compared genomics, NGS, genomics in statistics, Combinatorial optimisation , Big data integration, Statistics in clinical research, dynamic systems in biology, Protein docking.

## Expériences

**IPS2 — Paris Saclay - Internship second year - Supervisor : Vladimir Daric - 2015**

Conception of a database of available oligonucleotides using the web framework Django.

**Structural modelling of N terminal de FMRP — Inria Sophia Antipolis France- Internship Master's degree - Supervisor: Frédéric Cazals — 2018**

This internship aimed to solve the structure in solution of N-terminal de la protéine FMRP using monomer structure and SAXS data.

## Diplomas

**high school diploma in Science(mathematics) -2009**

**PACES competitive exam(pharmaceutical) - Paris 11 University -2011**

**Bachelor's degree STS (Biology)- Paris 11 University -2016**

**Master's degree Bioinformatics - Paris 11 University -2018**

## Programming languages

Shell Unix

Python

Java

Perl

php

R

C

C++

## Languages

French, English(American father),german second language in school, Russian third language in school

## Hobbies

President of the master's student Bureau, Pâtisserie, Board games, video games, Debating, Science fiction and Fantasy novels, French revolution.