

# Computational Biology Master: Professional Profile



## Name:

Hantao Wang

## Describes

Showing some personal experiences and future plans . It includes personal learning experience and job skills introduction.

## Positive aspects

The study of professional courses has improved my biology knowledge and data analysis skills, and has broadened my future professional development.

## Experience

2013~2016 Bachelor of Statistics in Zhejiang University City College .

2016~2017 Have one year working experience in a software development company.

2017~2019 Learned Spanish for one year and a half. I finished the class of B2 and got a certificate from the language school.

2019~Now studying the Master of Computational Biology of the UPM.

## Skill

Familiar with the statistical research process, Can independently complete the project based on multiple regression models.

Familiar with the basic step of software development, Ability to make models for prediction and

simulation .

Ability to make some machine learning models . Including decision trees, neural networks, linear regression and gradient models .

Can use software to analyze and visualize genomic data. Including comparisons, generating visual trees and plots . Analysis of genetic information .

In addition to Chinese, able to speak two foreign languages: English and Spanish. A better level of English . (achieved a TOEFL score of 88 in 2015) And passed the English assessment (Level 6) formulated by the Chinese government, reaching the standard for graduate students in China.

## **Employment intentions**

The first intention is to be able to continue learning. By investigating the prospects of the industry, I think higher education can perform better in this industry. So I want to apply for a PhD. But it is not limited to applying for a PhD in bioinformatics. I think I may also apply for a PhD in biostatistics due to my statistical foundation and experience as a graduate student in bioinformatics.

The second intention is to be able to work in company. Bioinformatics in China is in its infancy, and graduates in related majors are in demand. However, I hope to accumulate some experience in a more mature company (Technology, management, sales.....) and return to China to find more opportunities.