

# Resume of Tan Miaomiao

## **Basic Information**

Female | 25 Years old | Living in Shanghai  
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## **Education and Working Experience**

2009.09 – 2013.06, Bachelor of Horticulture, Soochow University  
2013.09 – 2016.06, Master of Plant Protection, Zhejiang University  
2016.06 – NOW, Research Assistant, Shanghai Chenglan Science & Technology Co.Ltd

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## **Projects**

- 1.Somatosensory neuron types identification by single-cell RNA sequencing  
Quantification, differential analysis, cluster and visualization of the scRNA-seq data.
  - 2.Interactive visualization of gene and Brainnetome data  
Use interactive visualization tools to show data in web format.
  - 3.Business data analysis of Chenglan  
Marketing data analysis, using data crawling and data mining tools.
  - 4.The Study of g10evo Glyphosate-resistant Transgenic Soybean  
Construction of vector, Agrobacterium-mediated soybean transformation, molecular analysis of transgenic soybean, field experiment.
  - 5.Expression of Cry1Ab and Cry2Ab by a Polycistronic Transgene with a Self-Cleavage Peptide in Rice  
Molecular analysis of transgenic rice and the Insect bioassay. Result published on Plos One.
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## **Skills and Specialty**

- 1.Computer   Familiar with Linux environment, skilled in python and R, have primary knowledge of Perl, Javascript, html5, CSS. Online course certificates about data process and visualization.
  - 2.Bioinformatics   Familiar with software and package, like FastX, Hisat, Tophat, Cufflinks, Samtools, Htseq, Bedtools, FastQC, DESeq2, TSNE, SIMLR, SEURAT.
  - 3.English   Toefl 95(Plan to take it one more time soon)
  - 4.Honors   First and Second Grade Scholarships, Second Prize in the Challenge Cup of Soochow University, Outstanding Graduates of Soochow University.
  - 4.Others   Skilled in Photoshop, CAD. Familiar with the patent related laws of China.
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## **Self Assessment**

Willing to take challenge tasks. Eager for new knowledge to make self-enhancement. With good communicate ability and strong team spirit.