

# 唐梓涯

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🏫 南京农业大学    🎓 农业工程 · 在读博士研究生    🎂 1992-03-13    📍 南京

## 🔧 技能和语言

操作系统    🐧 Ubuntu Linux (11 年)    🐧 Arch Linux (9 年)  
编程    🐍 Python/Cython, </> C/C++, 📐 R, T<sub>E</sub>X  
数据分析    Pandas; Matplotlib, ggplot2, Tikz  
深度学习    TensorFlow, PyTorch, Transformers, CUDA  
大语言模型    SwarmX (多智能体框架), Omni WebUI (大语言模型网页界面), FastOAI (多源大语言模型 API 集成)  
🌐 语言    英语 — 读写 (优良), 听说 (日常交流) CET-6 456

## 🎓 教育背景

至今	南京农业大学 · 前沿交叉研究院
2022.09	农业工程 · 博士在读
2022.09	塔里木大学 · 信息工程学院
2019.09	农业工程 · 硕士
2014.06	西北农林科技大学 · 植物保护学院
2010.09	植物保护 · 学士

## 🔬 科研发表

- 唐梓涯. 南疆盐渍区无膜栽培棉花生长模拟 [D]. 塔里木大学, 2022. DOI:10.27708/d.cnki.gtlmd.2022.000156.
- Tang, Ziya (2022), Modeling Non-Mulched Cultivation Cotton Growth and Yield Responses to Irrigation Scheduling Using Canopy-Modified Cotton2k Model.

## ⚙️ 科研竞赛

- 2019 年“华为杯”第十六届中国研究生数学建模竞赛国家三等奖。
- 2021 年“华为杯”第十八届中国研究生数学建模竞赛国家三等奖。
- 2021 年“蓝桥杯”第十二届蓝桥杯大赛个人赛软件类全国总决赛 Python 大学生组三等奖。

## 📁 工作经历

2018.03	软件工程师 @ 科大讯飞股份有限公司
2017.03	➤ Odeon 大数据平台的开发, 主要负责后端功能模块的构建和前端页面的展示。
2017.03	技术支持工程师 @ 🍌 微软中国
2016.07	➤ Microsoft Azure 云计算平台的开发技术支持 ➤ Office 365 (现 Microsoft 365) 的开发技术支持
2017.03	软件工程师 @ 南京振古科技有限公司 (初创公司)
2015.07	➤ 后端开发 (Django), 完成用户注册、数据存储和搜索等功能 ➤ Docker 容器开发, 将科研行业软件容器化

# Ziya TANG

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🎓 PhD Candidate

🏛️ Nanjing Agricultural University (NAU)

📅 1992 Mar.

📍 Nanjing

## 🔧 Competences & Languages

### Operating Systems

🐧 Ubuntu Linux (11 years) 🐧 Arch Linux (9 years)

### Programming

Python, C/C++, Rust, R, MATLAB, Perl, T<sub>E</sub>X

### Tools

Git, CMake, Visual Studio Code, Ansible, L<sup>A</sup>T<sub>E</sub>X

### Data Analysis

Pandas, Matplotlib, Tikz

### Deep Learning

TensorFlow, PyTorch, Transformers, CUDA

### Large Language

SwarmX (multi-agent system), Omni WebUI (web UI), FastOAI (multi-source API

### Model

integration)

### 🌐 Languages

**English** — reading & writing (good); listening & speaking (conversant) CET-6 456

## 🎓 Education

est. 2026.06 | Academy for Advanced Interdisciplinary Studies, **Nanjing Agricultural University**  
2022.09 | PhD Candidate in Agricultural Engineering

September 2022 | College of Information Engineering, **Tarim University**  
September 2019 | Master's Degree in Agricultural Engineering

June 2014 | College of Plant Protection, **Northwest A&F University**  
September 2010 | Bachelor's Degree in Plant Protection

## ⚙️ Computer Skills

- Designed and developed the [Odeon Big Data Platform](#) (Django, Vue, Ansible, Hadoop)
- Good at Microsoft Azure cloud computing platform's architecture and development, helped customers from worldwide migrate their business to cloud
- Good at DevOps for Linux operating system, containerized some scientific computation softwares

## 📖 Scientific Publications

- Tang, Ziya (2022), Simulation of non-mulched cultivated cotton growth in saline areas of South Xinjiang[D].Tarim University, 2022.DOI:10.27708/d.cnki.gtlmd.2022.000156.
- Tang, Ziya (2022), Modeling Non-Mulched Cultivation Cotton Growth and Yield Responses to Irrigation Scheduling Using Canopy-Modified Cotton2k Model.

## ⚙️ Research Achievements

- Developed a suite of utilities to semi-automate the Refactored original Cotton2K simulation model [cottonmodel](#).
- Published 2 co-authored papers.

## 💼 Career

March 2018 | Senior Software Engineer @ iFLYTEK Corporation  
March 2017 | ➤ Developed [Odeon Big Data Platform](#), implemented backend featured modules and visualized in web browser.  
March 2017 | Support Engineer @ 🍌 Microsoft China  
July 2016 | ➤ Technical supporting for Microsoft Azure  
➤ Technical supporting for Office 365 (Microsoft 365)

July 2015 | College student Village Officials @ Suqian Jiangsu  
July 2014 | ➤ Routine works for office of the town government