唐 梓涯

📞 153-5770-8868 @ tcztzy@hotmail.com ⬤ github.com/tcztzy

🏛 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, TᴇX
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 2022.09	**南京农业大学 · 前沿交叉研究院** 农业工程 · 博士在读
2022.09 2019.09	**塔里木大学 · 信息工程学院** 农业工程 · 硕士
2014.06 2010.09	**西北农林科技大学 · 植物保护学院** 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 2017.03	软件工程师 @ 科大讯飞股份有限公司 ❯ 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 2016.07	技术支持工程师 @ ▦ 微软中国 ❯ 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 2015.07	软件工程师 @ 南京振古科技有限公司（初创公司） ❯ 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

📞 153-5770-8868 @ tcztzy@hotmail.com ⌂ github.com/tcztzy

🎓 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, TEX
Tools	Git, CMake, Visual Studio Code, Ansible, LaTeX
Data Analysis	Pandas, Matplotlib, Tikz
Deep Learning	TensorFlow, PyTorch, Transformers, CUDA
Large Language Model	SwarmX (multi-agent system), Omni WebUI (web UI), FastOAI (multi-source API integration)
🔤 **Languages**	**English** — reading & writing (good); listening & speaking (conversant) CET-6 456

🎓 Education

est. 2026.06 2022.09	Academy for Advanced Interdisciplinary Studies, **Nanjing Agricultural University** PhD Candidate in Agricultural Engineering
September 2022 September 2019	College of Information Engineering, **Tarim University** Master's Degree in Agricultural Engineering
June 2014 September 2010	College of Plant Protection, **Northwest A&F University** 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 March 2017	Senior Software Engineer @ iFLYTEK Corporation > Developed Odeon Big Data Platform, implemented backend featured modules and visualized in web browser.
March 2017 July 2016	Support Engineer @ ▦ Microsoft China > Technical supporting for Microsoft Azure > Technical supporting for Office 365 (Microsoft 365)