TIANYUN ZHANG 张天昀

@ doowzs@outlook.com 📞 +86 17805110675 📍 Nanjing, China 🌐 www.njujb.com ⌨ doowzs

Master student at Nanjing University | Prefer to program in C/C++ and Java | Nikon mirrorless camera user

EDUCATION

Bachelor of Computer Science
Elite Class of CS Dept., Nanjing University
Sept 2017 – June 2021

- Overall GPA: 4.68 / 5.0 (93.6%). Outstanding performance in courses like Operating Systems and Artificial Intelligence.
- Thesis: Testing Software Updates in Package-based Systems.

Short-term Exchange
University of British Columbia
July 2019 – August 2019

- A+ in two courses about web algorithms and technologies.

Master Student
Institute of Computer Software, Nanjing University
Sept 2021 – June 2024 (Estimated)

- Supervised by Prof. Yanyan Jiang and Prof. Chang Xu.
- TA for NJU-SICP, a Chinese version of Berkeley CS61A.
- Currently working on a complex software testing platform.

EXPERIENCE

Software Developer Intern
Netease, Inc.
📅 June 2020 – August 2020   📍 Hangzhou, China

- Worked on game anti-cheat detection algorithms and software anti-tamper technologies in two Netease titles. I used C# for server and write Python in scripts.

Summer Product Sprint
Google China
📅 July 2020 – August 2020   📍 Virtual Event

- Worked on a music recommendation platform in a team of four students and one instructor from Google.
- We used Flask to implement a music collection server and Vue to visualize recommendations.

Software Developer Intern
Suma Technology Co., Ltd.
📅 July 2022 – August 2022   📍 Kunshan, China

- Suma Technology Co., Ltd. is a company that manufactures servers with Hygon processors. This experience is part of a practical training project organized by Kunshan Government.
- Worked on solving traveling salesman problem (TSP) using genetic algorithm. The TSP solver is implemented with OpenMPI in C++, and runs on Hygon processors.

LANGUAGES

Chinese	Native
English	CET4: 664 / CET6: 622
Japanese	JLPT N2: 164 / N1: 115

PROJECTS

Scan with WeChat to experience miniapps.

- I design and implement online judge systems. They support running programming contests and grading course projects. They have been deployed in classes and contests at NJU.
- I lead a team in our department to develop WeChat miniapps and services. We provide various services for students and university staffs: activity enrollment and feedback, NJU anniversary avatars, hiring advertising, etc.

MOST PROUD OF

Social Services

- I am a technical member for Olympiad in Informatics (OI) events in Jiangsu since 2019. I served on Technical Committee of APIO2023, supporting 1400+ participants from 30+ countries to compete in this global contest.
- I am vice president of Graduate Students' Union of CS Dept.. We organize various activities for students, including game-design contests, meetup events, movie nights, etc.

Programming Contests

- Top 10 in provincial contest (JSCPC)
- 16th place in 4th CCF-CCSP national contest
- 32nd place in CCPC2019 Harbin site contest

Awards and Scholarships

- Outstanding CYL Member of Jiangsu (2023)
- "Optics Valley of China" Scholarship (2022)
- CCF Elite Collegiate Award (2021)
- Merit Student of Jiangsu Province (2020)
- Pillar Scholarship of Nanjing University (2020) (the highest honor of undergraduates at NJU)