



# Zhang Jiaqi

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Available to intern in SG from now to Dec 2024 (using STP, No Credit),

full-time intern in the summer (using STP) and entry-level from 2025 (Visa support required). Available in CN before 2025.

## Education

- **National University of Singapore** | M.Sc. in Computer Engineering (Aug 2023 - Jan 2025 | Singapore)
  - ✓ **Relevant Courses:** Modern Computer Networking, Visual Computing
- **Beijing University of Post and Telecommunication** | B.E. in Telecommunication Eng. and Management (Sep 2019 - Jul 2023 | Beijing, China)
  - ✓ **GPA:** 86.6 / 100
  - ✓ **Relevant Courses:** Mobile Internet, Image and Video Processing, Internet Protocols

## Work Experience

- **Alibaba Cloud Inc. - Edge Cloud Tech** | Data Warehouse Intern (Jun 2023 - Aug 2023 | Beijing, China)
  - ✓ **Data Timeliness Governance:** Conducted a comprehensive inventory of the data timeliness and created a dashboard for it. Through DAG analysis, pinpointed the key nodes that affect production, and implemented optimization for more than 10 nodes. The timeliness of the nodes was optimized by 50%, and the timeliness of the cost link was optimized by 15%.
  - ✓ **Metadata Governance**(Anomaly Value Management): Independently designed and built an anomaly value management platform based on low-code platform, data node and UDF function, which manages the meaning of anomaly values.
- **DiDi Global Inc. - Yoyager Quality Tech** | Software Dev. Intern (Oct 2022 - Mar 2023 | Beijing, China)
  - ✓ Analyzed data, performed data visualization & data center development to find unique insights from the data.
  - ✓ Worked on website maintenance development to ensure the website bug-free and user-centric.

## Research & Project Experience

- **Few-shot based GANs for Face Image Manipulation** | Researcher. (Supervisor: Prof. [Dr Changjae Oh](#))
  - ✓ Surveyed & published papers in the field of style transfer such as GAN, cycleGAN, UNIT & FUNIT.
  - ✓ Optimized the network structure of FUNIT and applied it to the field of face image manipulation.
- **E-Parking - IOT Smart Parking System** | [GitHub](#) | Arduino, Django (Supervisor: Prof. [Dr Zhao Dong](#))
  - ✓ Used Arduino to complete hardware and set up the back end of the project using Django
  - ✓ Led a team of more than 20 people and distributed work among them & helped them on demand

## Co-curricular Activities

- Debate Team of BUPT | Senior Member (Oct 2020 - Jun 2023)
- Technology Publicity of Volunteer Association of BUPT | Film Editor (Sep 2019 - Jul 2020)

## Major Publications

- Weichen Ran, Junhong Lian & **Jiaqi Zhang** (2022) Evaluation and modelling of fungi towards wood degradation, Bioengineered, 13:2, 3284-3299, DOI: <https://doi.org/10.1080/21655979.2022.2025699>

## Awards & Achievements

- Outstanding Graduate of Beijing University of Posts and Telecommunications 2023
- Innovation and entrepreneurship training program for college students (National Level) 2022
- Chinese Collegiate Computing Competition Third Prize 2022
- Mathematical Contest in Modeling Meritorious Winner 2021
- Beijing University of Posts and Telecommunications Organization Excellent Personal Title 2021
- School-level second-class scholarship & Merit student 2021 & 2020
- National Universities Joint Debate Tournament Runner-up 2020

## Skills

- **Programming Languages:** Python, Arduino, Java, JavaScript, C Programming
- **Tools:** Django, Java GUI, Latex, HTML, CSS, Axure
- **Languages:** Chinese, English
- **Interests:** Debate, Badminton, Chess