Jiaqi Zhang

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Education

- **National University of Singapore |** M.Sc. in Computer Engineering **(Aug 2023 – Present | Singapore)**
  - ✓ **Relevant Courses:** Modern Computer Networking, Visual Computing

- **Beijing University of Post and Telecommunication |** B.E. in Telecommunication Eng. and Management
  - ✓ **GPA**: 86.6 / 100 **(Sep 2019 – Jul 2023 | Beijing, China)**
  - ✓ **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 – Jul 2023 | Beijing, China)**
  - ✓ Analyzed data and 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