

ZOE WANG

PROFESSIONAL SUMMARY

- Motivated Mathematics and Computer Science student with strong analytical and problem-solving skills. Experienced in software development, data analysis, and multilingual communication. Seeking opportunities to leverage technical expertise and interpersonal skills in a dynamic environment.

CONTACT INFORMATION

Student of Mathematics and Computer Science
Dresden University of Technology
01217 Dresden, Germany

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PERSONAL DETAILS

- **Date of Birth:** January 2002
- **Place of Birth:** Shandong, China
- **Languages:** Mandarin (Native), English (CEFR B2), German (Fluent)
- Excellent interpersonal skills with experience in multicultural environments

EDUCATION

Dresden University of Technology, Dresden, Germany
Master in Computational Modeling and Simulation, Aug 2024 - Present

Shandong First Medical University, Shandong, China
Bachelor in Computer Science and Technology, Sep 2020 - Jul 2024

- Cumulative GPA: 4.12/5.00, Rank: 2/48

WORK EXPERIENCE

Shandong Lawrance Textiles Co., Ltd, Shandong, China
Assistant Manager, Jul 2024 - Sep 2024

- Translated and interpreted during meetings; prepared internal documents, reports, and correspondence.
- Collected and synthesized information to prepare periodic and ad-hoc project reports.
- Organized data, maintained records, and developed follow-up systems for project monitoring.

HIGHLIGHTED PROJECTS (UNDERGRADUATE COMPUTER SCIENCE)

Hadoop-Based Restaurant Traffic Data Analysis System (Final-Year Project)
Technologies: Hadoop, HDFS, MapReduce, Hive, Java, Python

- Integrated large-scale restaurant customer visit data from multiple sources.
- Implemented a distributed data processing pipeline using Hadoop and MapReduce for high-volume data handling.
- Utilized Hive to query and structure data, extracting insights on customer flow, peak hours, and optimization strategies.
- Enhanced data processing efficiency, enabling timely and data-driven decision-making.

Web-Based Campus Marketplace (Team Project)
Technologies: JavaScript, HTML/CSS, Node.js, Express, MongoDB

- Developed a responsive web application enabling students to buy and sell textbooks and other goods.
- Implemented user authentication, product listings, and search/filter functionalities.
- Deployed the application to a cloud platform, ensuring reliability and scalability.

ADDITIONAL EXPERIENCE	Shandong First Medical University , Shandong, China New Media Minister, Jul 2021 - Jul 2023 <ul style="list-style-type: none"> Managed planning, promotion, and marketing on platforms such as WeChat, Weibo, and TikTok. Skilled in copywriting and video editing; contributed to school event planning. Oversaw the creation of the New Media Centre website, increasing engagement across various social media channels.
HONORS AND AWARDS	<ul style="list-style-type: none"> School-level Outstanding Student Award (Each Academic Year) Third Prize, Fourth Shandong University Student Artificial Intelligence Competition Excellent Video Award, New Media Center First-Class Scholarship, Shandong First Medical University First Rank in Class Third Prize, Blue Bridge Cup Provincial Competition Director, New Media Department, University's New Media Center Shandong Province Outstanding Student Award
COMPUTER SKILLS	<ul style="list-style-type: none"> Programming Languages: Python, Java, SQL, JavaScript Technologies Tools: Hadoop, HDFS, MapReduce, Hive, SPSS, L^AT_EX, Microsoft Office, Node.js, Express, MongoDB Other: Machine Learning Tools, Data Analysis, Web Development
OTHER SKILLS	<ul style="list-style-type: none"> Social Media Management: Proficient with Twitter, Reddit, Xiaohongshu, etc. User Support: Strong customer service skills, effective at resolving user issues. Communication: Skilled in writing newsletters, announcements, and conducting user surveys. Community Building: Experienced in creating and maintaining active online communities. Data Analysis: Familiar with user behavior analysis to drive growth and product optimization.