# Wei Zhang

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### **Education**

#### The University of Melbourne, Victoria, Australia

Sept 2015 - June 2018

- Thesis: "Distributed Deep Learning Systems for Real-time Image Recognition"
- Coursework: Advanced Algorithms, Machine Learning, Distributed Systems, Cloud Computing

#### The University of Melbourne, Victoria, Australia

Sept 2011 - June 2015

- Outstanding Graduate Award
- Coursework: Data Structures, Computer Architecture, Object-Oriented Programming, Database Systems

### **Skills**

- Programming Languages: Python, Java, JavaScript, TypeScript, Go, C++
- Frameworks/Libraries: React, Node.js, Django, Spring Boot, TensorFlow, PyTorch
- Cloud/DevOps: AWS, Docker, Kubernetes, CI/CD, Terraform
- Databases: PostgreSQL, MongoDB, Redis, Elasticsearch
- Tools: Git, JIRA, Docker, Jenkins, Prometheus, Grafana

## **Industry Experience**

### **Senior Software Engineer**

July 2020 - Present

ByteDance, Beijing, China

- Led a team of 5 engineers to develop and deploy a recommendation system that increased user engagement by 28%
- Architected and implemented a distributed data processing pipeline handling 10TB+ daily data using Kafka and Spark
- Optimized backend services, reducing latency by 40% and infrastructure costs by 25%
- Introduced automated testing and CI/CD workflows that decreased deployment time by 60%
- Mentored junior developers and conducted technical interviews for new team members

Software Engineer Aug 2018 - June 2020

Alibaba Cloud, Hangzhou, China

- Developed and maintained microservices architecture for cloud storage solutions using Java Spring Boot
- Implemented RESTful APIs serving 50M+ daily requests with 99.99% uptime
- Built real-time monitoring dashboards using Prometheus and Grafana
- Contributed to open-source projects related to cloud storage and distributed systems
- Collaborated with product managers to translate business requirements into technical specifications

# **Software Engineering Intern**

Aug 2018 - June 2020

Tencent, Hangzhou, China

- Designed and implemented features for WeChat mini-programs development platform
- Created automated testing frameworks that reduced QA time by 30%
- Participated in code reviews and agile development processes

## Certifications

- AWS Certified Solutions Architect (2022)
- Google Cloud Professional Data Engineer (2021)