

Zhengyuan (Tony) Jin

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Skills

BACK END DEVELOPMENT | Java • Spring • Python • NodeJS • Express

FRONT END DEVELOPMENT | JavaScript • React • NextJS • HTML • CSS • jQuery

DATABASES AND TECHNOLOGY | MySQL • MongoDB • Redis • Linux • AWS • Docker

Professional Experience

Software Engineer, Full-Time, Onsite

Shangjingyun Technology Co., Ltd.

Hangzhou, China

Nov 2018 – Nov 2022

- **Facial Recognition Big Data Platform:**

- Led the design and development for the **Police Department of Zhejiang Province**.
- Managed over **15,000 cameras** in Hangzhou, storing over **300 million facial captures**.
- Optimized analysis algorithms by 60%, assisting in solving 20+ criminal cases and providing evidence for 500+ cases.
- **Won a 9-million-CNY bid with SENSETIME.**

- **Ningbo Health Code Platform:**

- Created for the **Ningbo government** to protect citizens from COVID-19
- Ensured stable services for **15+ million users with 20+ million daily transactions**.
- Reduced application loading speed **from 2 seconds to under 0.5 seconds**.
- System was acquired by the government, generating over **4 million CNY in revenue**.

- **Team Leadership and Management:**

- Managed a development sub-team with five members, using **Agile Methodology**.
- Led weekly meetings and **mentored** new employees and interns.

Software Engineer, Part-Time

BU Spark!

Boston, US

Sep 2017 – May 2018

- **Leadership and Project Management:**

- Led development teams on various BU Spark! projects for profit and non-profit institutions.
- Spearheaded the design and implementation of key projects, including a Fitness Coach searching app for Global Joy.

Software Engineer, Intern

Xigu Digital Tech Co., Ltd

Jiaxing, China

Apr 2017 – Aug 2017

- Led the development of “Yue Support”, an **Android mobile application** that provides life support in the community.

Education

Master of IT & Master of IT Management

The University of Sydney

Camperdown, Sydney

Feb 2023 - Nov 2024

- Specialized in Data Management and Analytics
- Collaborating with PhDs on the **Research Pathway** focused on Knowledge-driven Traffic Image Analysis.

Bachelor of Art

Boston University

Boston, US

Sep 2014 - Sep 2018

- Major in Computer Science
- Undergraduate Teaching Assistant for CS591 Android Application Development