

Zhe Zhang

SOFTWARE ENGINEERING

Tongji University, Jiading Campus, Shanghai

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Education

Tongji University | Bachelor

MAJOR IN SOFTWARE ENGINEERING, DIGITAL MEDIA AND ART DIRECTION, GPA: 4.67/5.00

Shanghai

2017 - 2021

Tongji University

MINOR IN ARTIFICIAL INTELLIGENCE

Shanghai

2019 - 2021

Skills

Programming Languages C, C++, Java, Python, Matlab, Html+JavaScript+CSS, Shell, C#

Frameworks MVC, SpringBoot

Languages English (fluent, especially in speech, CET6 530), Chinese (Native)

Tools Unity, Maya, Cocos2d-x, Premiere, PowerPoint(Movie-Level)

Projects

Chinese traditional musical instrument modeling and ancient folk music education app —— "Lost Instrument" based on Web3D

Shanghai

PROJECT MANAGER

May. 2019 - Present

- personal National Innovation Project
- originated from my innovative ideas, received support from schools and countries and was in progress as a demonstration project in Tongji University
- combines traditional folk music with mobile app:
 - using Web3D technology
 - users can understand the composition of traditional instruments in all directions and in-depth inside the instrument
 - let users experience the fun of assembling and playing traditional Chinese instruments on mobile devices
 - realize music visualization with Chinese elements for the user's performance

Database Course Design(2019). A vlog community —— "iVlog"

Shanghai

TEAM LEADER

Jun. 2019 - Jul. 2019

- personal Database Course Design
- responsible for the following items:
 - requesting research
 - feature design
 - database design
 - framework construction using Entity Framework and ASP.NET MVC Framework
 - joint debugging between Front-End and Back-End
- Project Repository: <https://github.com/doubleZ0108/iVlog>

Mathematical Contest in Modeling

Shanghai

CODE IMPLEMENTATION LEADER

Sept. 2019 - Sept. 2019

- Mathematical Contest in Modeling of Tongji University(2019)
 - topic is about "Study on the rationality of train ticket purchase"
 - responsible for code implementation
 - awarded Third Place in Tongji University
- Mathematical Contest in Modeling of China(2019)
 - topic is about "Airport taxi operation model based on taxi big data"
 - responsible for code implementation
 - the paper is being reviewed
 - Project Repository: <https://github.com/doubleZ0108/Mathematical-Contest-in-Modeling>

Leadership Experience

Student Union of Software College

Shanghai

MINISTER OF ORGANIZATION DEPARTMENT

May. 2018 - May. 2020

- Represented the college in the "Green Tongji project" and won the top ten projects.
- As the artistic director of the Academy Choir, won the 2nd prize of Tongji University.
- As the outstanding volunteers from the "Siyuan Project" of the UNESCO World Heritage Organization in Asia and the Pacific.
- Organizing several group activities for more than 50 people.

Awards & Honors

- (i) Scholarship of Tongji University, 1st
- (ii) Excellent Leadership Award
- (iii) Social Activity Scholarship of Tongji University
- (iv) Mathematical Contest in Modeling of Tongji University, 3rd
- (v) School English Speech Competition, 1st
- (vi) School Debate Competition Champion, 3rd
- (vii) School Swimming Competition, 3rd
- (viii) Member of School Red Cross Society
- (ix) Summer Summer Camp Programming Teacher