

ZHANG, TIANYI

7001 Hansell Rd, Apart 2201 Plano, TX

tanki_jong@hotmail.com

(214)679-6560



ACADEMIC EXPERIENCE

East China University of Science and Technology
B.Eng. in *Computer Science* *Sep. 2012 - Jun. 2016*

East China University of Science and Technology
B.Arts. in *Art Design* *Jan. 2013 - Jun. 2016*

Guildhall at Southern Methodist University
Master's in *Interactive Technology* *Aug. 2017 - May. 2019*

SKILL SET

C++	<div><div></div></div>
C#	<div><div></div></div>
Java	<div><div></div></div>
Javascript	<div><div></div></div>
Unity	<div><div></div></div>
Unreal 4	<div><div></div></div>

PROJECT EXPERIENCE

TEAM **Teddy's Fluffy Adventure** **General Programmer**

- Account for the game design and be consulted for the art assets.
- High-level system structure and core game mechanics.

TEAM **Interstellar Racing League** **Graphic/Performance Programmer**

- Implement split-screen multiplayer with post-processing enabled in Unreal 4.
- Profile the build and provide performance advice to other team members.
- Deliver a document, *Unreal 4 Performance Guide*.

SOLO **Morph Engine**

- Build from scratch 3D Game engine to learn different aspects of a game engine.
- 200,000 lines of code edition in a one year.

SOLO **DirectX 12 Integration in Morph Engine**

- A simple rendering hardware interface layer inspired by NVIDIA's Falcor Engine.
- DirectX 12 was integrated into my personal Engine

WORK EXPERIENCE

Alibaba Group **Hangzhou, China**
Software Engineer Intern, Dept. of Security/ Dept. of Information Platform *Jun.2015 – Sep.2015*

- J2EE backend development of the operating system, Ali Cloud Shield.
- Mainly responsible for several feature sets, and a tool to customize the packaging process for deployment.
- React frontend development of the inner recruitment system.

DaoCloud.io **Shanghai, China**
Full Stack Engineer, Dept. of Development *Dec.2015 – Dec.2016*

- Full stack development including AngularJS frontend and Flask(Python) backend.
- Mainly responsible for the development and maintenance of the DaoStyle component library. Besides, implementing a new feature of those two products. Report issue and contribute code to some open source project like ui-router, angular-ui-bootstrap