TIANWEI XIA 夏天伟

**REELS PORTFOLIO** 86 + 15901987984 **twx\_kitty@yahoo.com**

*WORK EXPERIENCE*

**Technical Artist** 2021 – 2022

**[Keywords Studios](https://www.keywordsstudios.com/)** [Remote]

+ created material shaders using Unreal Engine

+ created vfx animations using Niagara

**Animation & Technical Director** 2017 – 2020

**Shuoyi Medical** [Remote]

+ communicated with clients during the design phase

+ managed the operations of different animation projects

+ designed pipelines for the animations

**R&D Technical Artist, Environmental Artist** 2015 – 2016

**Sparkly Key Animation Studio** (秦时明月) [Shanghai, China]

+ created blueprints, shaders, and pipelines using Unreal engine

+ created VR walkthroughs for an immersive environment

+ designed and modeled animation sceneries for the Qinmoon

**Architectural Designer** 2014 –

**ATOL Architects** [Shanghai, China]

+ executed the design development and code application phase for BTZ project, a mixed use urban development project in Beijing, with a focus on curtain wall design

**Architectural Designer** 2013 –

**KTGY Architects** [Washington DC, US]

+ executed the concept and the design development phase of a mixed use affordable housing project located in the Washington D.C. Metro Area

**Architectural Designer** 2010 – 2012

**SIPDRI** [Suzhou, Jiangsu, China]

+ designed civil, industrial and commercial architectural projects with a focus on green design

+ communicated with clients and AE counterparts on projects

+ produced construction documentations, applied local and national codes for various projects

*PROGRAMMING EXPERIENCE*

**SpringMVC : Education Management System** 2020 – 2021

**SpringMVC + MyBatis + SQL + Bootstrap + HTML5**

*IntelliJ + Tomcat + JDK + Webstorm + Power Designer + Navicat*

+ created a database for an educational organization that organizes staff and students information



*SKILLS* –

|  |  |
| --- | --- |
| ***Softwares***  Houdini  Unreal  Zbrush  Maya  Rhinoceros  SpeedTree  Nuke  Photoshop  Premiere  Mental Ray  Sketchup  Solidworks  Revit  CAD  FormZ  CNC | ***Programming***  Python  SpringMVC  Java  MySQL  JS  Jquery  Maven  MyBatis  HTML  CSS  Linux  ***Languages*** –  English  Mandarin |

*EDUCATION* –

**Beifeng Web** [Shanghai, China]

***SpringMVC, Linux, Python*** 2019

**Shanghai Media Group** [Shanghai, China]

***Modeling, Animation, Rendering*** 2015

**Robert McNeel & Associates** [Tongji , Shanghai, China]

**Rhinoceros** 2012

**Pennsylvania State University** [University Park, PA, US]

***BS Architecture*** c/o 2009

**Sede di Roma : Pantheon Institute** [Rome, Italy]

***Architecture*** 2006

**Barnstone Studios** [Coplay, PA, US]

***Fine Arts*** 2005

*CERTIFICATIONS*–

Rhinoceros

SolidWorks

*HONORS* –

**Premio Piranesi Yourcenar Design Winner** [Rome] 2006

**Scott Trustee Scholarship** [University Park, PA] 2005 -2006

**Corbelletti Design Award** [University Park, PA] 2005

**Schreyers Honors Scholarship** [University Park, PA] 2003 -2004