



張景照

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張景照 (Dorgon Chang)

Software Engineer

About Me Professional game programmer with vast experience in game development and DevOps automation. Currently working on Game Projects using UnrealEngine.

Experience

2018-04-Current, NeoBards Entertainment, Principal Programmer

Working on Game Projects using UnrealEngine

- **No Straight Roads** Optimization, Porting to Switch.
- Internal Projects using UnrealEngine: Architecture Design, OSS, AI, Quest, Dialogue, Optimization, and Localization workflow.
- CI/CD using Teamcity: From DailyBuild, Patch, Perforce/Unreal-GameSync Integration and Deploy to Steam.
- Crash Report integration for UnrealEngine: using AppCenter for mobile project.

2016/12-2018-03, Medical Augmented Intelligence, Software Architect

As a main programmer, develop following VR Projects using UnrealEngine:

- Acupuncture Simulation VR Project (B2B, Support Vive and Oculus)
- Body VR for Beginners google store, Daydream
- Medical Anatomy Training VR Project with Networking and Multiplayer (B2B, Support Vive and Oculus)
- CI/CD using AzureDevops

2015/10-2016/11 , Gumi Taiwan, Tech Lead

As a Engineer Team Leader, mentoring and sharing coding Skills with team members, and make sure features are shipped in timely manner.

2013/10-2015/10 , Gumi Taiwan, Software Engineer

As a Game Client Programmer, implement several funtions for

- **LINE Three Kingdoms Brave** using cocos2dx:
 - Architecture Design and Implement
 - Dialogue System
 - Patch System
 - CI/CD using jenkins
 - Implement Database ORM with SOCI for client
 - Boost Library Integration for Android and iOS
 - Other Game Logics Implementation
- **Crystal of Reunion**: Establish Localization Workflow using Unity I2 Localization Plugin.

2012/11-2013/09 , Nubee Pte Ltd, Taiwan, Software Engineer

As a Game Client Programmer, implement several funtions for

- **Fanta Swords**
 - CI/CD using Jenkins
 - Patch System
 - Texture Pack and Compress for Android(ETC1) and iOS(PVR)

2012/08-2012/11 , Nubee Pte Ltd, Singapore, Software Engineer

As a Game Client Programmer, implement several funtions for

- **Samurai Empire**
 - Porting in House C++ Game Engine to Android Platform.
 - Social Network Binding for Facebook, twitter, renren, weibo and mixi
 - Android GCM Notification
 - Device Binding and Transfer

2012/08-2012/11 , Mandatory military service



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Education

2009/09-2011/06, National Chiao Tung University, Hsinchu, Taiwan, College of Computer Science, Institutes of Multimedia Engineering

Master of Science in Multimedia Engineering

Master Thesis: [Measuring Difficulty and Complexity of Puzzle Games](#)

Code Used in Thesis: https://github.com/dorgonman/Cross_Block

2010/10-2011/04, University of Tokyo, Japan, Department of Electrical Engineering and Information Systems

Exchange Student

2005/09-2009/06, National Yunlin University of Science and Technology, Taiwan, Information Management

Bachelor of Business Administration

Software Development Skills

Knowledge

- CI/CD
- Computer Graphics
- iOS/Android Development
- Networking
- Game AI
- Cross Compiling

Programming

- C/C++
- Shell Script
- C Sharp
- Python
- Java
- CMake

Game Engine Experience

- Unreal Engine
- OGRE
- cocos2d-x
- UDK
- Unity
- HGE

Project Management Software Experience

- Azure DevOps
- Mantis
- Redmine
- Jira
- Trello

Version Control

- GIT/GIT LFS
- Perforce
- SVN



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Side Projects: UnrealEngine

- Horizon Dialogue Plugin, released on Aug 9, 2019:
www.unrealengine.com/marketplace/horizondialogue-plugin
- Horizon UI Plugin, released on Jun 27, 2016:
www.unrealengine.com/marketplace/horizon-ui-plugin
- Horizon Tween Plugin, released on Oct 20, 2016:
www.unrealengine.com/marketplace/horizontween-plugin
- Horizon Framework Plugin, released on Feb 24, 2018:
www.unrealengine.com/marketplace/horizonframework-plugin
- Horizon Interact Plugin, released on Jan 4, 2021:
<https://www.unrealengine.com/marketplace/en-US/product/horizon-interact-plugin>
- Horizon Quest Plugin, released on Aug 29, 2021:
<https://www.unrealengine.com/marketplace/en-US/product/horizon-quest-general-purpose-quest-graph-system>
- Contribute Bug fix Code to UnrealEngine version [4.9](#), [4.14](#), [4.15](#), [4.19](#), [4.21](#), [4.22](#), [4.24](#), [5.0](#), you can find my name "dorgon chang" or "dorgonman" in contributors list.
- Contribute Bug fix Code to [git-p4](#)

Honors

- The Phi Tau Phi Scholastic Honor Society (2009)

Language Skills

- Mandarin Chinese: Native Speaker
- English: Business Level, New Toeic 805(CEF B2), 2016
- Japaness: Business Level, JLPT Level 1 339/400, 2006