

胡日州 HỒ NHỰT JOE

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仕事/WORK/工作们

Independent Software Developer

2009 – Now

An Giang, Việt Nam 베트남

Softwares:

- ĐồnHỗ 2017 (MacOS/iOS) Shooting game
- Muay Thai IGLA 2017 (iOS) Watch muay thai (มวยไทย) training videos
- ĐồTia 2015-now (C code) Whitted ray tracer/short animation demonstration for relatives/students, 4k experiments
- FeiDie 2014 (Mac OS) simulation for diamagnetic levitation
- Nguyệt Châu Mac 2014 (Mac OS) 3D ball game use mouse and OpenGL, new collision engine
- マンジラ (Manjira) 2013 (Mac OS) create large Mandelbrot set image, export PNG and EXR file
- XemEXR 2013 (MacOS) view EXR image, include deep pixel image, use for write book about EXR file
- Tiểu Xanh 2012 (iOS/Mac OS) ball and brick game, use OpenGL
- ChépSĩ 2012 (MacOS) copy image for many 2×3, 4×5, 4×6 photos
- KongWongLeik 2012 (iOS) music instrument, use OpenGL
- ShouMaoBi 2011 (iOS) finger draw program use OpenGL, replace FingerBrush
- ลายเบญจรงค์ (LaiBenjarông) 2011 (Mac OS) design benjarông (Thai ceramic) OpenGL, use try get design job
- Nguyệt Châu 2010 (iOS) 3D ball game use accelerometer and OpenGL
- SeCaiYuan 2009 (iOS) color circle for select colors
- RanaatLeik 2009 (iOS) music instrument, use OpenGL
- FingerBrush 2009 (iOS) finger draw program use UIKit

大学/UNIVERSITY/大学

Postdoc Research Scientist 后博士研究科学家

2008-3 – 2008-6

University Of Washington – Mechanical Engineering Department

Box 352600 - Seattle WA 98195 USA 美国 206.543.5090

- Helped develop new lessons using NXT Lego Mindstorms robots
- 帮发作新科学使用 NXT Lego Mindstorms的机器人

Ph.D. of mechanical engineering 博士工程技术

University Of Washington, 毕业: 2008-3

- Dissertation topic: Diamagnetic levitating rotor
- 论文: 抗磁性浮磁铁转子

MS of mechanical engineering 硕士工程技术

University Of Washington, 毕业: 2002-12

- Thesis topic: A numerical investigation for nonlinear behavior of a fiber optic viscometer
- 论文: 数学模拟给非线性胜光纤黏度计

BA of mathematics with computer science option/minor in physics 学士数学和计算机, 小学士物理学

Eastern Washington University, 毕业: 1997-6

- CG project: Mandelbrot fractals using fractional exponents
- 计算机图形程序: 分数的曼德博集合 1996

本/BOOK/书们

Hồ Nhựt Châu, "Dạng Ảnh EXR", Lulu, 2014-2016 ISBN 978-1-312-17894-6

- Describe file layout and how compression work for OpenEXR, Industrial Light & Magic's high quality image format.
- 关于EXR文件格式

Hồ Nhựt Châu, "Inkscape: Tự Do Vẽ", Lulu, 2014

- Teach use Inkscape draw program
- 教图画用Inkscape程序

映画/ANIMATION/动画

2016-9: Thể Giới Banh: Tập 0: <https://www.mediafire.com/folder/399f5ctj09d8k/Videos> (use VLC player)

EXR file: https://www.mediafire.com/folder/nwjdvffq3xuo8/Thể_Giới_Trái_Banh_Tập_0_-_Dây_EXR

C Code at (doTia.c):

<https://github.com/SieuDoTia/doTia-whitted>

2017: Thề Giới Bánh: Tập 1: (now render 4k)

2017: Xe Bay (preproduction, storyboards) <https://github.com/SieuDoTia/Xe-Bay/wiki/Trang-Chánh>

WORK SOFTWARES 程序能力

- Xcode - build software for Mac OS/iOS 做程序给Mac OS/iOS
- Blender - Also translate whole interface for Tiếng Việt language
- Inkscape
- OpenOffice - Write, Calc
- FontForge