張傑程
JIE-CHENG JHANG

Software Engineer

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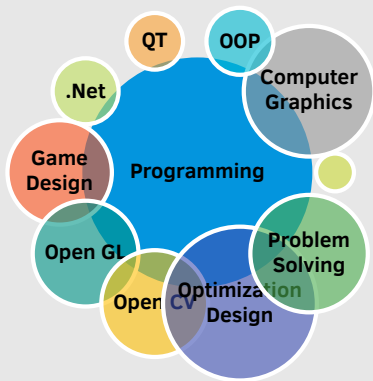🌐 tobygameac.com

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Skills

Overview

Programming

$0\ LOC$ ——————→ $50000\ LOC$

C • C++

Java • C# • Python

HTML • JS • PHP • SQL

Projects

Please click the project name to view the demo / detail.

Treasure Defender - An augmented reality tower defense game
Stock Tools - A TWSE data fetching program
Billiards simulator / AI
Wound Segmentation
3D Horror Maze - A Maze generation algorithm + a horror game
Vocabulary Learner
Nano TD - A tower defense game
Ghost Defense - A shooting game

Education

2015 - 2017	**MS., Computer Science** Grade : 93.89	National Cheng Kung University, Taiwan
2011 - 2015	**BS., Computer Science** Grade : 93.40 CS Major, 87.00 Overall	National Dong Hwa University, Taiwan

Awards

2015	**Honorary member of the The Phi Tau Phi Scholastic Honor Society, R.O.C.**
2012-2015	**Outstanding Academic Performance (Presidential Award)** × **5**
2013	**Honorable mention**, CS & IM Senior Project Contest

Master's Thesis

Title : 3D Scene Reconstruction from a Single Image with Duplicate Objects Using Template Models

Advisor : Prof. Tong-Yee Lee

Demo video : https://youtu.be/lYPuwhHu6sA

Experience

Sep 2017 - Present	**Software & Firmware Engineer**	Phison Electronics Corps.

- Develop SSD software and firmware according to the NAND flash spec (Toshiba and Micron)
- Develop algorithm to demonstrate the reliability of the product
- Provide solution to speed up or to improve the quality of the production line
- Cooperate with PM, FAE, firmware R&D and Hardware R&D

Sep 2012 - Jun 2015	**Teaching Assistant**	Prof. Wen-Kai Tai / Prof. Cheng-Chin Chiang

- TA for Introduction to Computer Programming (I)(II) courses
- Designed programming problem sets for homework assignments and exams

Programming Contests

2016	**Advanced to round 2** , Facebook Hacker Cup	
2013	**Advanced to round 2** , Google Code Jam World 1723 / 21273 (8%)	link
2013	**1st place**, NDHU Programming Contest	
2013	**Rank 2 / 819 (0.2%)** , College Programming Exam	link
2012	**Rank 7 / 894** , College Programming Exam	link