張傑程
JIE-CHENG JHANG

Software Engineer

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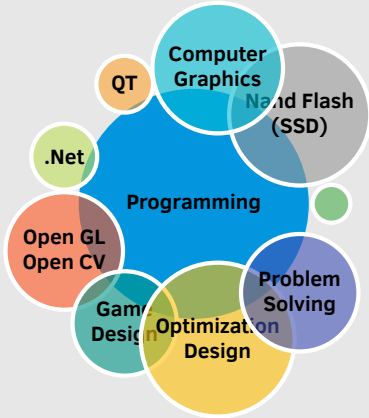
🌐 https://tobygameac.github.io/

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⭘ tobygameac

Skills

Overview

Programming

$0\ LOC \longrightarrow 50000\ LOC$

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**   National Cheng Kung University, Taiwan
Grade : 93.89

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

Awards

2015   **Honorary member of the The Phi Tau Phi Scholastic Honor Society, R.O.C.**

2012-2015   **Outstanding Academic Performance (Presidential Award)** $\times$ **5**

2013   **Honorable mention**, CS & IM Senior Project Contest

Master's Thesis

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

Advisor : Prof. Tong-Yee Lee

Demo video 1: https://youtu.be/QnWnOQmDdic

Demo video 2: https://youtu.be/lYPuwhHu6sA

Experience

Sep 2017 - Present   **Software & Firmware Engineer**   Phison Electronics Corps.
- Develop SSD software & firmware (C language)
- Develop algorithm to demonstrate reliability of the SSD
- Develop tools to parse logs generated by our firmware
- Provide solution to speed up or to improve the quality or to reduce the cost of the manufacturing line
- Cooperate with PM, FAE, MP tools R&D, FW R&D, HW R&D and Nand team 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
- Design 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   link
World 1723 / 21273 (8%)

2013   **1st place**, NDHU Programming Contest

2013   **Rank 2 / 819 (0.2%)** , College Programming Exam   link

2012   **Rank 7 / 894** , College Programming Exam   link