

張傑程

JIE-CHENG JHANG

Software Engineer



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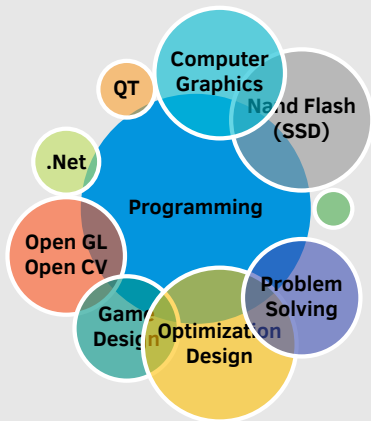
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Skills

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 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/IYPuwhHu6sA>

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
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](#)