

張傑程

JIE-CHENG JHANG

Software Engineer



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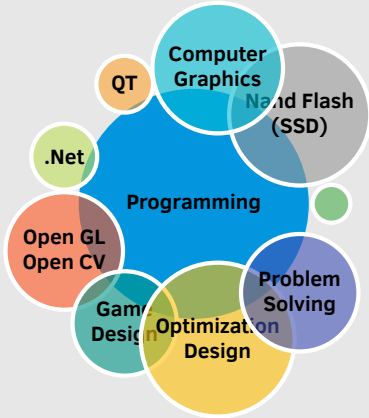
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## Skills

### 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 Scene Reconstruction from a Single Image with Duplicate Objects Using Template Models

**Advisor :** Prof. Tong-Yee Lee

**Demo video :** <https://youtu.be/IYPuwhHu6sA>

## Experience

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

- Develop SSD software and firmware (C language)
- Develop algorithm to demonstrate reliability of the product
- Provide solution to speed up or to improve the quality of the production line
- Cooperate with PM, FAE, MP 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](#)