

# Chien Ming Loo

Software Developer

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## INFO

### PHONE

97302126

### EMAIL

chienming1990@gmail.com

## SKILLS

C++

PHP

Javascript

Shellscript

MySQL

HTML/CSS

## EDUCATION

Bachelor of Science in Computer  
Science and Game Design,  
DigiPen Institute of Technology

Sep, 2012 - Dec 2015

## PROFILE

Experienced software developer with a passion for learning new technologies .  
Motivated by automation, scripting and web development.

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## Employment History

### **Software Engineer, Continental Automotive**

Artemmis, HMI Instrument Cluster Framework (Embedded C++)

- Toolchain debug and support of middleware for prototyping UI/UX
- Resolved core and external packages such as AVICORE(graphics), AVIAN(animation), Brutus(data parser)
- Experience in acceptance tests and unit tests, CTC with Jenkins
- CGIStudio, HMI development platform
- Integration of in-built IIP system with external HMI interface CGIStudio
- Involved in feature development for Nissan Project using CGIStudio.

### **Software Developer, True Stats Lab**

Truuue (Django, Python)

- Implemented elasticsearch to streamline string search of parameters by the user
- Implemented pretty-json for better readability and improving efficiency
- Implemented twilio sms service as alternative form of messaging between administration and customers

### **Software Developer, Koei Tecmo Singapore**

100万人の三国志 (LAMP Full stack development, monolithic)

Browser (PC, SP, iOS, Android) game based on the Romance of the three kingdoms.

- Responsibilities in development for frontend and backend utilising MySQL, PHP, Javascript, HTML/CSS, Shell scripting, cronjobs
- Main developer on 5★ System.
  - implement element mechanic to existing normal and event battle calculation
  - created and revamp database with element values
  - redesign existing pages to reflect the element changes
  - implement changes on frontend flash player animation
- Developed cross-platform achievement system using backend PHP, MYSQL and frontend Javascript, HTML/CSS .
- Developed browser help tool using Javascript, HTML/CSS with backend enforced relational data mapping and restrictions for improving data input efficiency and preventing human errors.
- Wrote several cronjobs in Linux which involves database transactions over different databases and tables.
- Restructure and optimize legacy PHP code into modules for better maintainability and ease when adding future features.
- Weekly production server maintenance, customer issue investigation, user behaviour analysis and reporting