

Derrick Kueh

Engineer

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PROFILE

My passion in technologies and new possibilities constantly drives me to try out new things and improve myself.

Solving problems via coding has always been a source of satisfaction but I am eager to push myself into other realms like graphics design, game dev and video making.

SKILLS

- HTML & CSS
- Javascript
- PHP & MySQL
- System Verilog
- Unix
- TCL & Perl
- C / C++
- Python


TOOLS

- Synopsys
- Unity
- Photoshop
- Illustrator
- Git

INTEREST

-  Travel
-  Pixel Art
-  Chess
-  Games

SOCIAL MEDIA

-  facebook.com/derrickkueh1995
-  linkedin.com/derrickkkueh
-  ahpek.itch.io

EDUCATION

CodeAcademy Online Course, 2020

Web development career path

University of Southampton, 2014 - 2018

Master's degree - Electrical and Electronics Engineering

WORK EXPERIENCE

Freelance, July 2020

Backend Developer - PHP, MYSQL

Work closely with client to implement data filter and extraction features as well as data processing functions.

Intel Penang, Sept 2018 - Jan 2020

SoC Design Engineer - TCL, PERL, UNIX, Synopsys

Work in an high-paced environment with counterparts from different countries to drive the CPU SoC design with Intel latest process node.

Experienced in complete backend workflow consisting of floorplan, cell placement and routing optimisation to meet timing, power and other specifications.

Personal Projects

GMTK 2020 Submission

Sticky Slime Situation - Unity, PhotoShop

The theme was "OUT OF CONTROL" with a two day time limit. A mini boss fight scene was created with different sets of attack patterns. Added simple pixel animations for each action.

Community Game Jam 2019 Submission

Loner In A Relationship - Unity, PhotoShop, Bosca Ceoil

The theme was "LIAR". I went with an acronym approach and created a 2D casual game with a one week time limit.

Architecture Portfolio Website 2020

Bao Design Studio - HTML, CSS, WordPress, Elementor

A favour for a friend. Coded from scratch using HTML and CSS, then ported to WordPress using Elementor plugin.