



Lim Yun Kai

Computer Science Graduate

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Detailed CV
<https://limyunkai.com/cv/>

<https://github.com/limyunkai19>

Key Strengths

- ✓ Quick Learner
- ✓ Solid Problem Solving Skills
- ✓ Decision Making
- ✓ Self Confidence
- ✓ Possess Strong Foundation in:
 - Mathematics and Logic
 - Algorithm and Programming
 - Machine Learning and Deep Learning
 - Web Sites Developing
 - Robotics
 - IT Security

Technical Skills

Programming and Markup Language

C++, C, Python, Javascript, Java, LaTeX, Markdown, HTML5, CSS3

Web Technologies (Front-end)

AngularJS, Bootstrap, jQuery

Web Technologies (Back-end)

Django, PHP, Node.js, JSP, RESTful API

Machine Learning and Deep Learning

Jupyter Notebook, NumPy, Keras, PyTorch, scikit-learn

Image Processing

OpenCV, Python PIL

Development and Cloud Deployment

Git, Nginx, AWS, GCP

Electronics and Robotics

Arduino, Raspberry Pi, IoT, Eagle



EDUCATION

Bachelor of Computer Science (Hons)

May 2015 - May 2018

Universiti Tunku Abdul Rahman (UTAR)

- CGPA of 3.9055, Graduated with Distinction (First-Class Honours)
- Jobstreet Best Graduate Award
- Trainer of ACM-ICPC Utar Kampar Team (2015-2018)

Foundation in Science

May 2014 - May 2015

Universiti Tunku Abdul Rahman (UTAR)

- CGPA of 3.9732

Malaysian Certificate of Education (SPM)

Jan 2009 - Dec 2013

SMJK Chung Hwa Confucian, Pulau Pinang

- 8A 2B
- Trainer of School Olympiad Mathematics Training Programme
- National Representative of Olympiad Mathematics and Informatics
- Excellent Co-Curricular Activities Award (2011, 2012, 2013)



ACHIEVEMENT

International Awards

- Bronze Medal in International Olympiad in Informatics (IOI) Taiwan 2014
- Bronze Medal in Asian Pacific Mathematics Olympiad (APMO) 2013
- Silver Medal in TOKI (Indonesian Computing Olympiad) Open 2014
- Top Ranked Coder (Top 100) in IEEEXtreme Programming Competition 8.0 2014 (International 95th Place, National 1st Place)

National Awards

- 3 Consecutive Champion in Malaysia National ACM-ICPC (2014, 2016, 2018)
- 2nd Place in University of Nottingham Ultimake Makerthon 2017
- Winner of Google Games Kuala Lumpur 2018
- 2nd Place in JobStreet.com Code Challenge 2015
- 3rd Place in F-Secure Intervarsity Cyber Security Competition 2017



PROJECT AND EXPERIENCE

Learn it Fast - Easy to Use Transfer Learning Library

Python, Pytorch, Deep Learning, AI, FYP Side Product

A python library that is able to ease the process of transfer learning from various base models such as AlexNet, VGG, ResNet, DenseNet and etc. With this library, transfer learning can be done in a few function calls.

Object Motion Detection Application

C++, OpenCV, Image and Video Processing, Background Subtraction

Image processing application that detects object motions in a video. Implemented with background subtraction technique and OpenCV.

Simple IoT - IoT Application with Web Interface

PHP, C, Arduino, Robotic, IoT, Proof of Concept

IoT application with the ability to monitor home temperature and controls light switches remotely. Equipped with a web-based control panel.