# YIP ZHEN YU

## SOFTWARE DEVELOPER

## INFO

**PHONE**
82023201

**EMAIL**
zhenyuyip@gmail.com

## SKILLS

PHP

Python

HTML

Javascript

Android

Java

C++

C#

C

Visual Basic

## LANGUAGES

English
● ● ● ○ ○

Chinese
● ● ● ○ ○

## HOBBIES

Fixing computers, Hiking

## PROFILE

I am a graduate from University of Wollongong (SIM), studied Digital Systems Security and am looking to pursue a career in the IT industry.

I have a great passion in programming and software development as i feel a great sense of achievement upon solving difficult tasks and building of applications that many people might use. I believe that learning should be a life-long pursuit and thus i constantly read up and study anything tech related.

I am a responsible person and would always go by deadlines regardless in school or at work.  I am confident in working independently and will try my best to pick up the necessary skills required for the job as soon as possible.

## TECHNICAL TOOLS

Framework: XAMPP, Laravel, ASP.NET, Bootstrap, Flask, Django

Terminals: Powershell, Bash

Database: MySQL, MS SQL, PostgreSQL, MongoDB

Software: Android Studio, Visual Studio, Eclipse, VSCode, Postman

File Repositories: Git

## EMPLOYMENT HISTORY

**Php FullStack Developer, Ricoh Pte Ltd**                    Singapore
Jan 2015 — Aug 2015

- Maintained and developed php website pages  from scratch, mainly for engineer colleagues to use to allow easy on-site documentations for future references and approvals.
- Performing support for all related devices, software, services and other related equipment to ensure smooth daily front-end operations.

- 1st and 2nd level onsite support and resolution to technical issues involving network connectivity, network resource access and hardware issues.
- Managing restore points for database

Programming languages used: PHP, HTML, MySQL, Javascript, Ajax

Frameworks used: XAMPP, Bootstrap

**Intern, Aviva**                    Singapore
Mar 2014 — Jun 2014

- Deployment of company's service catalogue into their central depository website

- Completed a full checklist of enhancements on the department's excel sheet using VBA Excel
- Develop new features and enhance the central depository website user interface for better user experience.
- Data migration using Excel macros

Programming languages used: Visual Basic

Software used: Excel, SharePoint

## EDUCATION

**Digital Systems Security, University of Wollongong SIM**                    Singapore

2017 — 2020

**Financial Informatics, Nanyang Polytechnic**                    Singapore

2012 — 2015

## PROJECTS

**Android Mobile Security Advisor School FYP**

Apr 2019 — Sep 2019

I was tasked to develop an application that was able to monitor the behavior and track application installations that are directly through as an APK.

At the end of the project, I was able to develop an application which

- composed of graphs and categorized app permission page.

- enable background processes killing.

- sending of files of any type to server for malware checking.

**IBM Cloud based Application BlueMix Challenge School FYP**

Jun 2014 — Nov 2014

Participated in the IBM BlueMix Challenge for my polytechnic final year project. I was tasked to develop an application based off a self-thought innovative concept that had to use IBM Cloud services.

The idea was to develop an interactive android health and fitness application that allowed users to communicate with their families and friends to plan exercising events. The app had functionalities such as, planning and calculation of the amount of calories to be reduced and the ability to navigate with google maps sdk.

IBM liked our concept and we were chosen as the top 5 finalists group amongst 20 other groups that has participated in the challenge.

## COURSES

**Youtube Laravel 7 Tutorial**

Mar 2020 — Mar 2020

**HarvardX CS50's Web programming with Python and Javascript**

Mar 2020 — Jun 2020

**Udemy MERN Full Stack React, Redux & Node.js with MongoDB**

Jun 2020 — Jul 2020

**Udemy Azure Bundle Prep for AZ-900 , AZ-103 and Az-104**

Jul 2020 — Present

**Udemy Understanding Typescript - 2020 Edition**

Jul 2020 — Present

## REFERENCES

**References available upon request**