

# Yuk Ming Siu (Vic)

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## SUMMARY OF QUALIFICATIONS

- Over 20 years of experience in software development of consumer products.
- Experience in managing software development teams.
- Strong background in Linux and Android OS.
- Experience in embedded system development, including ARM, 6502, 8051, X86, and some custom-made CPUs.
- Familiar to computer languages including Assembly, C, C++, Pascal, Java, Shell script, and Python.

## PROFESSIONAL EXPERIENCE

### Engineering Manager

2013 – Present

VTech Electronics Ltd., Hong Kong

- Manage a team of 70 programmers of 3 locations (Hong Kong, Shenzhen, and Dongguan) to finish over 10 software projects per year.

### Chief Electronic Engineer

2007 – 2013

VTech Electronics Ltd., Hong Kong

- Led 3 programming teams to develop V.Flash and V.Smile games.
- Designed and implemented a simple virtual machine, as well as its compiler, to run on an 8-bit MCU. This was for porting the applications to different MCUs.
- Developed an operating system for a proprietary children tablet based on Linux.
- Led a programming team to develop an instant messaging app for a children tablet.
- Led a programming team to make a children tablet based on Android.

### Senior Electronic Engineer

2000 – 2007

VTech Electronics Ltd., Hong Kong

- Made a PC emulator to emulate a 6502-powered children laptop for software development, it allows programmers to trace their code while seeing the LCD and hear sound playback.
- Designed and implemented a game engine library and PC authoring tool for a TV gaming system for children, it is called V.Smile.
- Led 3 programming teams to develop V.Smile game cartridges.
- Led a programming team to develop V.Smile handheld console.
- Led a programming team to develop a TV connected game console for children, which equipped GPU for 3D graphics, it is called V.Flash.

## **Electronic Engineer**

1997 – 2000

VTech Electronics Ltd., Hong Kong

- Designed and implemented a program for an infra-red wireless keyboard with mouse, that works with a TV connected game console for children.
- Led a programmer team to develop two email applications for two children toy laptops. The program uses Modem to connect the Internet thru ISP and exchanges the emails from SMTP and POP3 mail server.
- Designed and implemented a file system for an 8-bit MCU system, as well as a PC simulation.

## **EDUCATION**

### **Bachelor in Electronic Engineering**

1993 – 1997

Hong Kong Polytechnic University, Hong Kong