



WORK EXPERIENCE

01-2012 - 03-2024

Data Analyst and Quant Trader

SELF-EMPLOYED - VIETNAM -2012-NOW-

- Developed analytic software using Java Eclipse IDE to analyze - nancial trading data and tabulate results in chart format (Java AWT / Swing)
- Developed and tested high-probability strategies in trading - nancial derivatives, specialized in trading commodity futures: crude oil, copper, gold, SP500 stock index
- Experienced in investing in international equities/CFDs

06-2005 - 05-2010

Senior Embedded Software Engineer

IWOW TECHNOLOGY PTE LTD - SINGAPORE

- Developed - rmware for ARM micro-controlle | GSM/GPRS modules and integrated embedded systems: GPS tracking device, Meter-Reading device, Fixed cellular terminal, etc.
- Developed APIs and implemented customized AT commands for control of ARM-based GSM/GPRS modules externally
- Lead software engineer for GSM-compliance FTA (Full Type Approval) certi- cation test in Beijing
- Firmware team lead: managed - rmware team and worked with product team, hardware team, project managers
- Work experience with ARM microcontrollers, RTOS, GNU Make, PCBs, SVN version control
- Work experience in ARM Cortex MCU interrupts, IOs, multi-threading, task priorities, timers, debug tracing
- Work experience with communication protocols: I2C, UART, SPI, TCP/IP, UDP
- Knowledge of Python and database language: Oracle, MySQL, MS Access
- Familiar with Agile development methodology and experienced with IDEs: Source Insights, Eclipse IDE, Visual Studio

01-2004 - 06-2004

Engineering Intern

PHILIPS ELECTRONICS - SINGAPORE

- Developed a Windows GUI to control TV chips via I2C protocol
- Developed I2C driver to program Philips TV's EEPROM memory via UART RS232 port



CHU QUANG KHẢI

TEAM LEAD - SENIOR
EMBEDDED SOFTWARE
ENGINEER



PERSONAL INFORMATION



Male



08-02-1982



District 7, Ho Chi Minh City



OBJECTIVE

Develop expertise. Deliver values.
Advance in career

LANGUAGES

English	●	●	●
Chinese	●	●	●

SOFTWARE

Programming language C/C++, VB, Java	●	●	●
ARM micro-controllers, GSM, interrupts, GPIOs, RTOS, multi-threading, I2C, UART, SPI, GPS, TCP/IP, UDP, PCBs, GNU Make, SVN	●	●	●

- Designed a circuitry to correct a color-loss problem of Philips TV



EDUCATION

06-2001 - 05-2005

Nanyang Technological University - Singapore

BACHELOR OF ELECTRICAL AND ELECTRONIC ENGINEERING

- Degree classification: Very good

06-2010 - 12-2011

National University of Singapore

MASTER OF APPLIED ECONOMICS

- Degree classification: Very good

SKILLS

- Proficient in Vietnamese and English
- Strong analytical and logical thinking, adaptive, fast learner
- Communication skill working in team: iWOW's module - rmware team lead / Captain of university hall's international-chess team
- Responsible. Energetic. Resourceful. Open-minded