

Sony Huynh

Curriculum Vitae

65/27A Phu Tho
Ward 1, District 11, Ho Chi Minh City
☎ +84 933826695
✉ hpsony94@gmail.com
📄 linkedin.com/in/hpsony
Skype, Whatapps, Facebook: @hpsony94



"A person who never made a mistake never tried anything new"

PERSONAL DETAILS

Personal Full name: Huynh Pham Sony
Date of birth: July 20th, 1994.

EDUCATION BACKGROUND

Ho Chi Minh city University of Technology

2012–2017 **Computer Engineering**
The Honor Program at Faculty of Computer Science and Engineering.
GPA 8.21/10.

SKILLS

Technical Skills

Languages C++/C, Verilog HDL, NodeJS, Visual Basic, TTCN3, \LaTeX .
Environment Linux(SUSE, Ubuntu) & Windows.
Advanced field Embedded system, Internet of Things, Networking, Telecommunications.
OpenSource experience OPENSAT, ASTERISK(*).

Personal Skills

Leadership ● ● ● ● ○
Planning ● ● ● ● ○
Creativity ● ● ● ○ ○

English Good communication skills.
Have much experience in reading technical books, writing an email.
Join the Bible club in English.

WORKING EXPERIENCE

Ho Chi Minh city University of Technology

- May 2014 Designed Single Cycle CPU with Hardware description languages On DE2 Board.
- Dec 2014 "Smart Led Matrix" - Show notification of smartphone on Led device.
- Oct 2015 "Retro game" on DE2 Board and 89V51 KIT with C & Verilog HDL language.
- Oct 2015 "Snack game" on 89V51 KIT with C language.
- Nov 2015 "Car Racing" on DE2 Board with Verilog HDL language.
- Feb 2016 "sJob Android Application" - Help students find out part-time jobs..
- 2015–2016 Join scientific researches students with the topic **"Vietnamese Speech Recognition"**.

DEK TECHNOLOGIES PTY. LTD

6-8/2016 **Software Engineer Internship Summer 2016**

The project is to deploy High Availability for persistent chat service by using **OPENSATF**.

We have done High Availability for Chat service and Chat application by using OPENSATF, C++, and Framework Qt.

Oct 2016 - **Software Engineer in IMTAF (IMS Testing Automation Framework)**

Sep 2017

Experience in field with protocols: TCP/UDP, IP, SIP, SDP, DIAMETER, RTP, MEGACO/H.248.

Work using Agile Software Development with Hansoft and performing code reviews in Gerrit and ClearCase.

Experience with various IMS nodes: CSCF, HSS, SBG, MTAS and various Ericsson IMS features. Test automation in integration with Jenkins.

Automated network level testing of the new features after integration. It involves development of automated test suite for testing the new as well as legacy features. The scope is to automate the test cases and prepare a test suite.

Main activities: implement new change request and test cases in TTCN-3 language. Execute, perform regression test, analyze test reports and release the framework every single sprint.

9-11/2017 **Consultant Software Engineer at Ericsson AB**

I had an golden opportunity to work with my partner in Ericsson Office for 2 months in Stockholm, Sweden.

Nov 2017 - **Software Engineer in IMS Network Feature Test**

Present

Developing of Automating System Test and Feature Test of Ericsson's Enterprise Communication solution on a system and network integration test level, using Java, Bash and TTCN3 languages. Continuous integration with Jenkins, deployment with Docker.

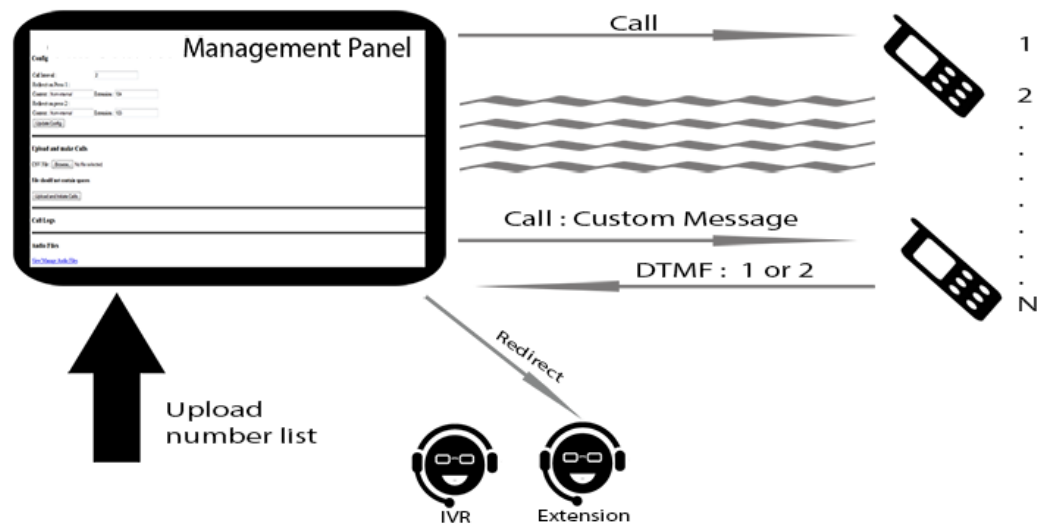
- IMS architecture and components
- IMS core nodes MTAS, CSCF, SBG, HSS, MGC, DNS, CUDB.
- Verification and Troubleshooting of IMS E2E functionalities
- INT test suites based on IMS Test Automation Framework developing and maintenance
- SIP, SDP, RTP, Diameter, DNS, TCP/IP, IP technologies
- Linux knowledge: file system and bash scripting

Working in an agile team using ScrumWorks, Open ALM and Git/Gerrit. Actively taking part in planning sprints and participating in retrospective meetings.

PERSONAL PROJECT

July 2017 - **Auto Dialer Service**
Present

Auto Dialer Service is an API application written in NodeJS for **Asterisk** to send voice broadcasts. It can generate multiple simultaneous calls to a list of numbers and play a custom audio message. Auto Dialer Service can receive DTMF input options and connect to any predefined destinations. We can find different occasions where Auto Dialer Service can solve problems with minimum effort like event management, customer relations, staff management and where ever people like to hear from you. Auto Dialer Service is simple in design and user interface so that anyone can install and start call blasting within few minutes via provided API.



Key Features:

- Supports multiple simultaneous calls to a list of numbers.
- Possibility of separate audio messages for each number.
- Configurable redirect destinations to any asterisk context and extension (external or internal number, ring groups, queue, ivr etc)..
- Dialing Screen displays call status and DTMF response via Web App.
- Detailed call log with call deposition and DTMF received.
- Uses regular outbound routing for broadcast, use any trunk or dialpattern.

EXPERIENCE & SOCIAL ACTIVITIES

- 2012–2015 Operating and organizing social events for high school.
- 2012–2013 Joined the voluntary activities of WINBK team in University.
- 2013–2014 Joined the "TIEP SUC MUA THI - BACH KHOA 2013" voluntary activities in the summer term.
- 2013–2014 Management and administration of the forum svdhbk.com.
- 2014 Technical Head of "RUNG CHUONG VANG 2014" academic program organized by my faculty .
- 2014–2016 Leader of Fellowship of evangelical students from my university.
- 2015–Present Leader of Bach Khoa Toan Free ref to ***bkfree.info***.

ACHIEVEMENT

- Special Prize **Global IT Startup Contest Vietnam 2015** from Handong Global University
Team's product is "Smart Neck-pillow".
- Hard work **Hackathon Contest 2016** from ATWARE corporation

Team's product is "AGILES".

Dec 2016 **Student Award** - "**Sinh vien 5 tot**" of Ho Chi Minh city
Vietnam National Union of Students

[Certificate](#)

March 2016 IBM Bluemix Certificate - Apply Bluemix technology applications for IoT System.

REFERENCES

<https://www.youtube.com/playlist?list=PL8jT36S3YC5x2csTofRDTdygF2-bZizm0>

Dr. Pham Hoang Anh, Lecturer in Ho Chi Minh City University Of Technology

Email: anhpham@hcmut.edu.vn - Phone: (+84) 967 333 820

INTERESTS

- Volleyball
- Music
- Running
- Designing
- Guitar
- Learning