

PHAM VAN LAM

PERSON INFORMATION

Name	Pham Van Lam
Gender	Male
Nationality	Vietnamese
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EDUCATION

2011 - 2016 **Hanoi University of Science and Technology, Vietnam.**

- Bachelor Science - Electronics and Telecommunication.
- Degree Grade: Good - CPA 3.52
- TOEIC Score: 735
- Got a Scholarship of Samsung Talent Program.

TECHNICAL SKILLS

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|---|---|
| <ul style="list-style-type: none">• Programming Languages:<ul style="list-style-type: none">- C/C++, C#, Java/Android- Python/Cython- JavaScript, HTML5, CSS3• Web Frameworks / Platforms:<ul style="list-style-type: none">- ReactJS, AngularJS, NodeJS- jQuery, Bootstrap, SCSS- Ant Design, Material-UI- Gatsby.js• Database:<ul style="list-style-type: none">- SQLite, MySQL- MongoDB & Mongoose• Others:<ul style="list-style-type: none">- Good understanding of OOP methodologies, design patterns and solving algorithms. | <ul style="list-style-type: none">• Version Control<ul style="list-style-type: none">- Git (Github/Gitlab)- Perforce• Software development libraries:<ul style="list-style-type: none">- QT/QML, Sailfish SDK- MFC, FFmpeg- OpenGL, SDL- Boost• Operating Systems:<ul style="list-style-type: none">- Windows- Ubuntu |
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- Intermediate GIMP (Photoshop) skills for designing: logo, banner,...
- PCB Design using Altium.
- Microcontroller C Programming: 8051, ATmega32, TI MSP430.
- IDE: Visual Studio, Visual Studio Code, Android Studio, QT Creator

PROFESSIONAL EXPERIENCE

Samsung Vietnam Mobile R&D Center, Hanoi, Vietnam.

06/2016 - 03/2019

Position: Software Engineer & Web Developer

Projects:

- **Samsung Gear 360 - PC SDK - C++:**
 - **Project Description:**
 - Develop PC SDK for Gear 360 camera, which helps developer to be easier to connect with the camera, stream video, audio and stitch video.
 - **Responsibilities:**
 - Implement some simple APIs,
 - Write Unit Test for the SDK,
 - Develop a Sample Application to demonstrate how to use the SDK and write a document guide for it.
 - Collaborate with other members to develop a Sample Application for Samsung Development Conference 2017.
- **Share screen between Mobile and Web using WebRTC:**
 - **Project Description:**
 - Develop an Android Application, a Signaling Server and a Web Application for sharing Mobile's screen to the Web.
 - Besides, User can control the Mobile through the Web.
 - **Responsibilities:**
 - Examine a Repository on Github,
 - Customize it for the project's purpose.
 - Mentor a group of 3 trainee students to complete this project.
- **Open Theme Web Editor**
 - **Project Description:**
 - Develop a Web Application which is alternative to Samsung Theme Editor which supports for Windows and MacOS only.
 - **Responsibilities:**
 - Communicate with a team developed Samsung Theme Editor for Windows to understand all functionalities.

- Collaborate with a server team, that provides Restful APIs for the Web.
- Design data and application structure.
- Develop the application.

VinSmart Research & Manufacturer Joint Stock Company

03/2019 - Present

Position: Software Engineer & Web Developer

Projects:

- **Vsmart Theme Creator:**
 - **Project Description:**
 - Develop a Web Application for creating theme, wallpaper, icon-pack and sticker for Vsmart Smartphones
 - **Responsibilities:**
 - Collaborate with a phone team to create data resources for creating theme and building theme.
 - Design and develop the web application
- **VSigning:**
 - **Project Description:**
 - Develop a signing system which is used to sign firmware, binary and APK for Vsmart Smartphones
 - **Responsibilities:**
 - Collaborate with teammates to design system architecture
 - Develop signing client and signing gateway
- **VMessage:**
 - **Project Description:**
 - Develop VMessage application which works like iMessage on iPhone.
 - **Responsibilities:**
 - Collaborate with teammates to maintain and develop new features for a core which is based on C++/QT to create multi-platform applications.
 - Collaborate with teammates to develop VMessage for Vsmart phones running Sailfish OS, VMessage PC for Windows and Ubuntu.
- **VFlashTool:**
 - **Project Description:**
 - Develop a flashtool to flash Firmware for Vsmart smartphones using Qualcomm and MediaTek chips.
 - **Responsibilities:**
 - Collaborate with teammates to develop the application.

- **VSwitch:**
 - **Project Description:**
 - Develop a tool to transfer user data (contacts, messages, photo, video...) from other smartphones to Vsmart smartphones.
 - **Responsibilities:**
 - Develop an iPhone backup's parser to parse data from an iPhone backup which is saved by iTunes to extract contacts, messages, photo, video,...

PASTIMES AND ACTIVITIES

- I am keen on reading IT blogs, Medium and self-help ebooks in my free time,
- Besides, I enjoy instrument musical. So I self-learn to play Ukulele and can perform some simple songs.
- And, I like Street Workout. I workout at least four times a week to get fit and healthy.
- My other hobby is blogging. So I often write technical blogs to share my experience to other developers, as I am the author of Vietnamese IT blogs, which are: completejavascript.com and thuattoan.phamvanlam.com.
- Last but not least, I also work on some side projects.
And they can be found at my online portfolio about.phamvanlam.com and my Google Play Store <https://play.google.com/store/apps/developer?id=LamPV>.