PHAM VAN LAM

PERSON INFORMATION

Name	**Pham Van Lam**
Gender	Male
Nationality	Vietnamese
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Address	55, Hung Vuong, Trang Liet, Binh Giang, Hai Duong.

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

- **Programming Languages:**
  - C/C++, C#, Java/Android
  - Python/Cython
  - JavaScript, HTML5, CSS3
- **Web Frameworks / Platforms:**
  - ReactJS, AngularJS, NodeJS
  - jQuery, Bootstrap, SCSS
  - Ant Design, Material-UI
  - Gatsby.js
- **Database:**
  - SQLite, MySQL
  - MongoDB & Mongoose
- **Others:**
  - Good understanding of OOP methodologies, design patterns and solving algorithms.

- **Version Control**
  - Git (Github/Gitlab)
  - Perforce

- **Software development libraries:**
  - QT/QML, Sailfish SDK
  - MFC, FFmpeg
  - OpenGL, SDL
  - Boost

- **Operating Systems:**
  - Windows
  - Ubuntu

- 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,…
- **SmartHub:**
  - **Project Description**:
    - Develop a job management application for Vinhomes employees.
  - **Responsibilities**:
    - Develop a multi-platform core library using QT/C++ for Android and iOS.
- **Vsmart Home:**
  - **Project Description**:
    - Develop an application which is used in a smart home.
    - This application can be used to control smart things in a smart home: TV, light, air conditioner and camera.
  - **Responsibilities**:
    - Custom WebRTC library to record audio and video from a camera to a phone.

PASTIMES AND ACTIVITIES

- I am keen on reading IT blogs, Medium and self-help e-books 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.