

LE DINH NAM

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OBJECTIVE

To work as an android developer in an organization where I can utilize my skills and knowledge related to mobile development and develop robust applications.

EDUCATION

- ❖ **Hanoi University of Science and Technology(HUST)**, Electronics and Telecommunications Department, Ha Noi, Viet Nam (9/2008-6/2013).
 - **Undergraduate Coursework:** Aeronautic electronics and communications, positioning and navigation and satellite technologies.
 - **Graduate Thesis:** Interactive Screen Sharing of Samsung Mobile Devices Used in Meeting and Collaborative Events (Cooperation project with Samsung Vietnam Mobile R&D).
 - **Degree classification:** Good.

SUMMARY OF TECHNICAL AND PERSONAL SKILLS

- ❖ Android Developer with over four years on both java and C/C++ including application development, implementation, deployment, internal and customer support.
- ❖ Ability to develop unique, cutting edge application.
- ❖ Knowledge of application testing, debugging and troubleshooting.
- ❖ Ability to work for long hours without losing patience and enthusiasm.
- ❖ Passionate to update my knowledge and skills through continuous self-learning.

COMPUTER SKILLS

- ❖ Operating Systems: Android, Windows, Linux.
- ❖ Languages: Java, C/C++, VC++, XML, UML, SQL, JSON.
- ❖ Software Tools: Android SDK, Android studio, Eclipse, OpenGL, Visual studio C/C++.
- ❖ Testing tools: Unit test.
- ❖ Software Development Method: Samsung Development Process, SCRUM, Waterfall..
- ❖ Source code management tool: Perforce, Tortoise Git, Source Tree.

WORKING HISTORY

FROM	TO	COMPANY	TITLE	RESPONSIBILITY
June 2013	Feb 2015	Samsung	Associate Engineer	Android developer
Feb 2015	May 2017	Samsung	Engineer	Android developer- Sub Team Lead
May 2017	Nov 2017	Viettel Telecom	Software Engineer	Android developer
Nov 2017	Dec 2018	FPT Software	Software Engineer	Android technical leader
Feb 2019	Today	VinSmart	Software Engineer	Software developer

PROJECTS

❖ VsCamera(2/2019-Today)

- **Description:** This is the native camera for all Vsmart smartphone devices. Performance-critical Android application. Application lets users shoot photos, videos and provides some features: auto mode(3A), Pro photo mode (manual AF, AE, AW, ISO), 2d/3d bokeh, Beauty shot, AR sticker, Live filter, HDR, LLS, LLHDR....
- **Position:** Application leader.
- **Responsibility:**
 - Develop new features, maintain, manage app team.
 - Assign and control tasks. Support members in their task.
 - Integration vendor (ArcSoft, Morpho, AI 360, Google) solution on app/HAL layer.
- **Team size:** 3 people.
- **Technologies Used:**
 - OpenGL ES
 - JNI
 - Camera API
 - RxJava2
 - Custom View

❖ Rikunabi(12/2017-12/2018)

- **Description:** This is the job search application for the Japan market. The application provides job search/ internship search for new graduates.
 - URL:
<https://play.google.com/store/apps/details?id=jp.co.recruit.android.rikunabi.twentytwo>
- **Position:** Developer.
- **Responsibility:**
 - Develop new features, maintain and support members in their task
- **Team size:** 10 people.
- **Technologies Used:**
 - Control Memory consumption.
 - SOAP/Restful
 - Custom View.

❖ Bank Plus(5/2017-11/2017)

- **Description:** Bank plus is the mobile payment application. Users can complete purchases easily and quickly with their smartphone.
 - URL: <https://play.google.com/store/apps/details?id=com.bplus>
- **Position:** Developer.
- **Responsibility:**
 - Develop new features, maintain.
- **Team size:** 5 people.
- **Technologies Used:**

- Control Memory consumption.
- JNI.
- SOAP/Restful.
- Custom View.

❖ **Photo Editor (2014-5/2017)**

- **Description:** OpenGL ES based, performance-critical Android application. Provides Photoshop-like functionalities (Transformation, filter, decoration....)on Samsung Android devices. Supports to editing single image, creates collage image or GIF file from several images. Preloaded on high-end devices (Galaxy S & Note series ...) and available for download on selected models (ex: Galaxy A or J series ...).
- URL:<http://apps.samsung.com/appquery/appDetail.as?appId=com.sec.android.mimage.hotoretouching>
- **Position:** Sub team leader.
- **Responsibility:**
 - Support team leader to manage team members.
 - Support team members in their task.
 - Implement some ideas or new features.
 - Assign and control task.
 - Manage application life cycle.
- **Team size:** 21 people.
- **Technologies Used:**
 - OpenGL ES.
 - Multithreading.
 - Control Memory consumption.
 - JNI.
 - Custom View.
 - Multi-instances application controller.
 - Effective to decode Bitmap.
 - Image processing algorithm.

❖ **Active Zone (2013-2014)**

- **Description:** This is an application for Galaxy S5 Active .The application provides function: flashlight, barometer, stopwatch and compass .
- URL <https://www.youtube.com/watch?v=kzHWh3pPZfM>
- **Position:**
 - Member, owner of Stopwatch module.
- **Responsibility:**
 - Develop, maintain and quality assurance for a Stopwatch module.
- **Team size:** 5 people.
- **Technologies Used:**
 - Custom View.
 - Multi-threading.

ONSITE EXPERIENCES

- ❖ 2 months in Shenzhen China
- ❖ 5 weeks in Samsung HQ R&D institute (Suwon-Korea).
- ❖ 3 months in Samsung R&D institute (Bangalore-India).

AWARDS AND CERTIFICATE

- ❖ Best employee award 2019.
- ❖ President award for best employee of 2nd quarter (07.2016).
- ❖ Toeic 760
- ❖ Samsung talent program scholarship for HUST (2012-2013).
- ❖ Student science research award (2013).

INTEREST

- ❖ Computer vision, Image Processing.
- ❖ Machine Learning, Deep Learning.
- ❖ Parallel Computing, GPU Computing.

PREFERENCE

- ❖ Github: <https://github.com/Le-Dinh-Nam>
<https://github.com/nam1796>