

Applicant for:

Senior Android Engineer ~2,000\$ (SL: 05)

Dr.JOY

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Nguyễn Bảo Chung

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What skills, work projects or achievements make you a strong candidate for this position?

Note from ITviec: Nguyễn Bảo Chung skipped the cover letter.

"My #1 job is to hire A+ players." - Steve Jobs

NGUYỄN BẢO CHUNG

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SUMMARY:

- Android/Java Developer with over 6 years experience. Proficient in Java/Android, image processing, OOP, design pattern, MVC. Basic knowledge in Machine Learning. Be familiar with development and version control tools. Good algorithm and ability to learn new things quickly. Can read documents and communicate with colleague by English.

EDUCATION BACKGROUND:

2009 – 2014: **Hanoi University of Science and Technology (HUST)**

School of information and communication technology

- Major: Information System
- CPA : 2.79/4

WORKING EXPERIENCE:

7/2014 – 08/2020:

Company: SVMC

Position: Android Engineer

Responsibilities: Maintain, implement some features for Photo Editor project on all Samsung's phone.

- Main implementer for Effect, Portrait function in app.
- Update new UI, UX support different screen sizes.

- Handling memory leak issues, improve app's performance.
- Handling decode bitmap, draw it to screen by OpenGL, support different screen sizes.
- Resolve asynchronous between threads problem.

6/2013 – 4/2014:

Company: **DFT**

Position: Game Developer

Responsibilities:

- Develop a whole mobile game using AndEngine & Cocos2dx.
- Contact with tester to fix bugs.

SKILLS

Programming languages:

+ Java	good
+ C/C++	good
+ PHP	medium
+ JavaScript	basic
+ OpenGL	basic
+ Design Pattern	good

Database:

+ Mysql	good
+ SQL Server	basic

Operation system:

- + Windows good
- + Ubuntu basic

Tools: Android Studio, Eclipse, Perforce, Git, Jira, ...

Basic Knowledge in Machine Learning with Tensorflow.

Good Algorithm, achieve pro level in algorithm-certificate of Samsung.

English: read and understand the documents of English for Information Technology well.
Can communicate with foreign colleagues.

PROJECTS:

1. Building spam filter system with Naïve- Bayes classifier

- Description: system receive a email, process and return result whether email is spam or non-spam.
- System has learning database contain known spam and non-spam emails. Extract individually words from known emails(spam & non=spam), then label each individually word in spam or non-spam. Base on labeled words and words from input email, calculate probability of input email belongs to spam or non-spam.
- Language: Java

2. Building online – sales website

- Description: website display product, allow online-order.
- Language: PHP, use Zend Framework.

3. Game boom on Android

- Description: control player to put boom to kill monsters, game is multilevel design.
- Language: Java with Andengine library.

4. Game AirAttack (cocos2d-x)

- Description: control plan to attack other plans , enemy...
- Language: C++, with Cocos2d-x library.

5. Building full-text-searching and management document system with Lucene

- Description: building a website with functions as search , upload, management document.
- Don't like search by mysql, this project extract full contents of document then store, index it to use for searching that return ranked results (similar google search).
- Language: PHP for interface and management, Java with search engine Lucene for searching.

6. PhotoEditor (main project at SVMC)

- Maintain, implement new features for PhotoEditor app on Samsung phones.
- Rotate/crop/flip, adjust brightness/color/contrast, apply effect/beauty, add sticker/text/drawing, create collage ... for images.
- Skills:
 - o Image processing
 - o Memory management
 - o Performance optimization
 - o MultiThreading
 - o Displaying graphic with Canvas, OpenGL
- Language: Java/Android Framework, OpenGL, C/C++

7. Some apps on Google Play

- Learning, workout apps on Google Play
- Tools apps: Assistive Touch, Control Center.