

CURRICULUM VITAE

PERSONAL INFORMATION

1. Full Name: Ha Tuan Tu
2. Birthday: 19/ 01/ 1986
3. Sex: Male
4. Marital status: Single
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EDUCATION

1997 - 2001 Tran Hung Dao High School, Bien Hoa City, Dong Nai Province.

2001 – 2004: Luong The Vinh Special Technical Secondary School, Bien Hoa City, Dong Nai Province.

2004-2011: Faculty of Computer Science & Engineering, HCMC University Of Technology

ABILITY

1. Have ability to work both independently and as a member of a team.
2. Have ability to use:
 - a. Programing Language: C/C++, Java, Python, Delphi
 - b. NoSQL Tools : ElasticSearch
 - c. Database System: MySQL, PostgreSQL.
 - d. Operating System: Window, Linux
 - e. Framework: Odoo, Flask
 - f. Library: OpenCV, Tensorflow
3. Have ability to read and write English. Speaking and Listening are not good
4. Have ability to work hard and attentively.
5. Have knowledge about: Parallel Computing, Machine Learning (Image Recognition).

EXPERIENCE

1. Primelabo VietNam (7/2017 – Now)

a. CrossMedia

- i. *Job title:* Full stack
- ii. *Tools:* Python, Flask Framework, OpenCV, Elasticsearch, PostgreSQL
- iii. *Description:* Build a server can detect objects and their attributes by mobile device

b. Image Recognition (Research)

- i. *Job title:* Research and developer
- ii. *Tools:* Python, Flask Framework, OpenCV, Tensorflow
- iii. *Description:* Build a demo which user some algorithms in Tensorflow and OpenCV library to detect object in an image.

2. AEM VietNam (7/2016 – 6/2017)

a. AEM

- i. *Job title:* Developer
- ii. *Tools:* Python, Odoo Framework, PostgreSQL
- iii. *Description:* Build a website can manage activities of staff

b. BM

- i. *Job title:* Developer
- ii. *Tools:* Python, Odoo Framework, PostgreSQL
- iii. *Description:* Build a plugin to compare many products

c. I&L

- i. *Job title:* Developer
- ii. *Tools:* Python, Odoo Framework, PostgreSQL
- iii. *Description:* Make a web to manage equipment and schedule to staff.

d. ClearVis

- i. *Job title:* Developer
- ii. *Tools:* Python, Odoo Framework, OpenCV
- iii. *Description:* Use to detect an object and its attributes in geology.

3. Fairfield VietNam (7/2011 – 6/2016)

a. Inversion for seismic data processing

- i. *Job title:* Developer
- ii. *Tools:* C++
- iii. *Description:* With previous image interpretation and interval velocity, this software will help us rebuild another model velocity. The output model will be used to migrate and output improved structure

b. True Velocity at interception

- i. *Job title:* Developer
- ii. *Tools:* C++
- iii. *Description:* At interception locations, their structures are difference sometime. That is incorrect. Building a correct velocity model at these locations will be complete by this tool

c. Beam Migration

- i. *Job title:* Developer
- ii. *Tools:* C++, OpenMP, MPI

- iii. *Description:* Migration is an important step in seismic processing. It re-locate recorded to true location and time. Migration modules are design for imaging steep or overturned events, obtaining good multi-arrival imaging for complicated geology such as salt bodies, improving signal to noise ratio.

d. 3D Surface Related Multiple Attenuation

- i. *Job title:* Developer
- ii. *Tools:* C++, MPI, OpenMP
- iii. *Description:* This software used to remove water surface multiple (noise). In exploration process, data always contain reflect of water surface. This project is require to remove noise

e. Merging Coordination

- i. *Job title:* Developer
- ii. *Tools:* C++, OpenMP
- iii. *Description:* In Seismic data, it contain lat/long coordinate. In 2d Exploration, with one line, we have explore many time and sometime miss-shot exist. This software was built to interpolate and extrapolate these miss-points and interception points

f. Velocity Analysis

- i. *Job title:* Developer , Research
- ii. *Tools:* Delphi, C++, OpenMP
- iii. *Description:* The software is used for analyze RMS velocity in seismic data processing and show velocity model and area structure in 2D or 3D view

INTERESTS

1. Sports: Football.
2. Music
3. Sleeping