CURRICULUM VITAE

BASIC INFORMATION

Full name:	**Bui Minh Duc**
Date of birth:	25/01/1995
Gender:	Male
Address:	228 Route 13, Hiep Binh Chanh Ward Thu Duc District, Ho Chi Minh City
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EDUCATION

University:	Bach Khoa University	*August 2013 – January 2018*
Major:	Computer Science	
GPA:	**7.66**	
TOEIC Score:	**780** – Listening Score 365 – Reading Score 415	

EXPERIENCE

Programmer – NTT Data Vietnam *July 2017 – March 2018*

- Learning some internal frameworks: Intra-mart, Terasoluna.
- Working on some testing projects.

Junior Developer – ZIGExN VeNtura *August 2016 – January 2017*

- Start to learn Ruby on Rails.
- Working on some Rails projects, making some crawler tools follow by client requirements.
- Working on a multilingual project using Rails I18n.

Interns – NTTData Vietnam *June 2016 – August 2016*

- Working with a project using Terasoluna Framework (this framework is an internal framework and is based on Java and Spring Framework).
- Directly getting requirements from a manager and an instructor.

TECHNICAL SKILLS

Algorithm:	Binary Search Tree, AVL Tree, Sorting, Hashing, Heap, Depth First Search, Breath First Search, Minimax.
Java:	Understand how Java program can compile and execute. Understand OOP in Java. Understand Java Collections: ArrayList, LinkedList, HashMap. Basic knowledge about Multi-Threading.
Front-End:	Can use HTML, CSS, Javascript to build layout for website. Use framework: Bootstrap.
Back-End:	Understand MVC model. Use framework: Spring, Ruby on Rails.
Database:	Can use Postgres, MySQL, SQLite. Can design models: ERD, Database Diagram.
Other:	Understand and can use fluently Git/Github. Can use other languages: Python, Ruby, C/C++

ARTIFICIAL INTELLIGENCE SKILLS

- **Classification**: Using some algorithms: SVM, Neural Network, Naïve Bayes for classification.
- **Fields of research**:
  - **Image Processing**: Understanding Image derivative, Edge Detection, LoG. Can use some image feature descriptors such as: HOG, SURF to pre-processing for image classification.
  - **Natural Language Processing**: Using Text Tokenization for preprocessing. Using TF-IDF for converting a piece of text to a vector for classification.
- **Language and library**:
  - **Language:** Python.
  - **Library:** scikit-learn, numpy, scipy, NLTK, TensorFlow.

STRENGTH

- *Self-study ability*: I can study some programming languages that I like when I have free time. I use the documents on the internet, google what I want to know and search the information in some technical books to find out the problem.

- *Working hard*: I can spend all of my time to do assignment, to resolve a problem.
- *Passionate to learn new things*: When I face with something new and I want to master it, such as a new language, a new framework, I always spend time to learn it, do example to understand it and maybe create new simple product using that language or that framework.

PROJECTS

MooNgo - Mon An Ngon (Android) *April 2017*

- https://play.google.com/store/apps/details?id=com.assignmentmobile.monanngon
- Implemented API server application using Ruby on Rails.
- Implemented client application for Android devices.

Lazy Map (Android) - https://github.com/ducbm95/LazyMap *January 2016*

- Used Google Maps API, Google Places API, Google+ Platform.
- Loaded map data from user's location, displayed nearby places by category.

UnblockMe Solver (Python) – Artificial Intelligent Assignment *February 2016*

- Solved UnblockMe problem using BFS, DFS and Hill Climbing.
- Implemented UI using pygame library.