

# HOANG MINH THANH

Back-end Python Developer

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**Summary:** I'm +1<sup>year</sup> experienced python web developer, have solid background knowledge about Programming Algorithm and Data Structure in University of Science. Proficient Python, C++, experienced in C#, Java and good coding style. I defended my thesis with 9.5 result and ranked excellent. I would like opportunity to work, self-improvement in your company.

## EDUCATION

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|--|------------------------------|
| <b>University of Science, VNU-HCM</b> <ul style="list-style-type: none"><li>College in Information Technology</li></ul>  | <b>Sep. 2012 - Sep. 2015</b> |
| <b>University of Science, VNU-HCM</b> <ul style="list-style-type: none"><li>Bachelor in Computer Science (GPA : 8.3/10)</li><li>Thesis : <a href="#">Link Prediction in Knowledge Graph</a> (9.5/10)</li></ul> | <b>Nov. 2018 - Oct. 2020</b> |

## SKILLS

### 1. KNOWLEDGE & CONCEPT

- Background: [Solid Data structure and Algorithm](#), OOP, Design Pattern (Observer, Factory,..)
- English : Intermediate written and spoken English
- Code versioning tools : Proficient in Git, Github, Gitlab
- Machine Learning; Deep Learning : Attention mechanism, Capsule Neural Network, Knowledge Graph, regularly to reading academic paper.
- Cloud : A bit experience of AWS (S3, EC2, RDS, Route53, Elastic Beanstalk & AWS Seager)
- Parallel programming on GPU : A bit experience of CUDA (kernel, stream, scan, hist)
- Other: WordPress, Heroku, Linux

### 2. LANGUAGE & FRAMEWORK

- C/C++ : Data Structures, Class Template, pointer, References, OpenCV 4
- Python : Proficient** (PEP 8, lambda, threading pool, .., **numpy**, pandas, matplotlib)
- ReactJS : Component Lifecycle, Redux, redux-thunk, redux-saga, React Router, React Hooks
- IDE & Tool : IntelliJ, VS Code (ESLint, Prettier), VIM, sublime
- Database: Good Experience with MS SQL, MySQL
- HTML, CSS, Bootstrap, AJAX, jQuery
- Experience in Django, Flask, ASP.NET MVC , NodeJS

## WORK EXPERIENCES AND PROJECT

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|--|------------------------------|
| <b>University of Science VNU – HCM (College)</b> <ul style="list-style-type: none"><li><a href="#">BietDoiSieuLapLanh</a> : Redesign and customize a template website. I make it even before learn how to code</li><li>Caro Terminator (Self-study) : Basic AI game base on Min-max algorithm on Window Phone using WPF, XAML</li><li>ThuXinh : PHP website of final project</li><li>Pucca Runner (Self-study): A Unity game with funny idea of Dijkstra Algorithm (<a href="#">Play here</a>)</li></ul> | <b>Sep. 2012 - Sep. 2015</b> |
| <b>XEP Company (ASP.NET Developer)</b> <ul style="list-style-type: none"><li>Create, customize implement and optimize SQL Query base on requirement</li><li>Develop absolute both front-end and back-end a ecommerce website</li><li>Investigate library to implement image processing of QR code image</li></ul>  | <b>2018 - 2019</b>           |

**Rakumo Co., Ltd** (Python Developer)

**2019 - 2020**

- Maintain Django Website using [DocuSign](#) for Japanese Customer
- Working with team to developing new feature, analyze requirements, estimate implementation, investigate new technology and apply to product.

**University of Science VNU – HCM** (Bachelor)

**Nov. 2018 – Oct. 2020**

- Training a LSTM model for handwriting recognition on Colab and deploy to web with TensorflowJS ([Draw here](#)).
- [Thesis](#) : Modify KBGAT model in Knowledge Graph using Pytorch to create new model named [GCAT](#).



## HONORS & AWARDS

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- **Incentive** Award in The Good Chemistry District Student Contest **2009**
- **Second Round** Thach Thuc, Faculty of Information Technology, HCMUS **2013; 2014**



## CERTIFICATIONS

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- Support Student Examination Certification **Aug 2014 - Oct. 2014**
- Critical Thinking (Soft skill) **Oct. 2014**
- [Emotion Recognition Certification - HCMUS](#) **Nov. 2019**
- Summer Course Machine Learning **Jun. 2019**
- Coursera: Machine Learning **2020**