**NGUYEN HOANG BAC**

**Date of Birth: April 18, 1990**

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**OBJECTIVE**

* To be a good staff.
* Try to learning as much as possible and doing my best in order to accompish my task.
* To have good opportunities to get promotion in my job.
* Develop my skills with development of company,I want to prove myself.

**RESUME OBJECTIVE**

* 7+ year of experience in programing language and software engineer.
* 5+ year of experience in backend developer.
* 4+ year of experience in developer basic design and detail design.
* 8 month of experience researching in AI/Machine Learning.

**EDUCATION**

**2009- 2013**

**Hanoi University of Technology - Ha Noi, Vietnam**

***Software Engineer in Information Technology(Graduated - 2009)***

Subjects studied :

§ Operating Systems : Windows and Linux

§ Programming languages : C, C++, Java, MySQL, HTML, CSS, JavaScript, PHP.

§ Databases : MySQL.

§ And subjects : Software Project Management, Object - Oriented Programming(using C++ language ), Database Management System, Design and develop Game.

§ After once subjects I must make a project for close

**EXPERIENCE**  
**2012 – 2014: Evui.vn, Hanoi:** Game Developer

**July, 2014 - 2015: ADong JSC, Ha Noi:** System Administrator, Freelancer

**2015-2016: Freelancer C++ (Dev Game), Ruby on rails (Dev Web)**

**2016-2017: Inovatube, Ha Noi: Backend Dev**

**2017-2019: CMC Global, Ha Noi: Web Dev**

**2020-2022: Meta Vision, Ha Noi: Developer**

**SKILLS**

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| --- | --- |
| **Level**: 1-4 Aware (Basic, need to practice more); 5-7 Knowledgeable (Intermediate, can use it at work); 8-10 Proficient (Advanced, very good to use it at work) | |
| **Competencies** | **Level** |
| **Programing Languages** | |
| Ruby | Knowledgeable, 9/10 |
| Python, C#, C++, Php, Java | Knowledgeable, 7/10 |
|  | |
| **Frontend Web Technologies** | |
| HTML5, CSS3, JQuery, Bootstrap, Angular, ReactJS | Knowledgeable, 6/10 |
|  | |
| **Databases** | |
| SQL Server, Oracle, MySQL | Knowledgeable, 6/10 |
|  | |
| **Tools** | |
| IDE: Sublime Text, Atom, Eclipse, VS Code | Knowledgeable,8/10 |
| API: Postman | Knowledgeable, 7/10 |
| Source control: Git, SVN | Knowledgeable, 7/10 |

**AI - MACHINE LEARNING - DEEP LEARNING**

**12-2019 - 2020**

**Course Training:**

Machine Learning Basic of Andrew Ng - Standford (Coursera)

CS20si of Standford: Tensorflow for Deep Leaning (Huyen Nguyen)

CS50 Introduction AI with Python (Havard)

Machine Learning Engineer Nanodegree of Udacity

Data Analyst Nanodegree of Udacity

**DataScientist and Machine Leaning of DataCamp (Training online in DataCamp)**

**Processing:**

Model: Supervised Learning(Linear Regression, Perceptron Algorithm, Decision Trees, Naive Bayes,…), Unsupervised Learning

**DeepLearning:**

Neural Networks (Logistic regression, Gradient descent and building blocks of neural networks)

CNN(in Keras, Image Augemention in Keras, Mini Project: Image)

Image Processing in Python: using Scikit, numpy, pandas

Understand using OpenCV

**Project:**

Chatbot AI (using rasa nlu)

Using Skimage for image…

Processing: Build Credit Card Number reader

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| **PROJECT LIST - SOFTWARE ENGINEER** |

**Mars Communication Tool (02/2022 to 04/2022)**

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| --- | --- |
| Project Description: | Develop tool Call/Chat in windows |
| Responsibilities: | Backend develop |
| Programming Languages: | .net |
| Tools | Visual Studio Code |
| Used technologies: | .net core, Azure services |

**Adminission Lottery (10/2021 to 01/2022)**

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| --- | --- |
| Project Description: | Develop System register play game for user with game studio |
| Responsibilities: | Developer |
| Programming Languages: | .net, js, html, css |
| Tools | Visual Studio Code |
| Used technologies: | .NET framework, HTML/CSS, MySql, Azure Service |

**Fx Project (06/2021 to 09/2021)**

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| --- | --- |
| Project Description: | Maintain system from PHP/Flash to NodeJS/HTML/JS |
| Responsibilities: | Developer |
| Programming Languages: | JS, HTML, CSS |
| Tools | Visual Studio Code |
| Used technologies: | HTML/CSS, NodeJS, Jquery, MySql |

**Face recognition (04/2021 to 05/2021)**

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| --- | --- |
| Project Description: | Maintain app for client |
| Responsibilities: | Developer |
| Programming Languages: | Python |
| Tools | Visual Studio Code |
| Used technologies: | Python, open cv2, deepface |

**MV10/20TB (01/2021 to 03/2021)**

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| --- | --- |
| Project Description: | Develop system management, confirm sales of the sending and receiving of the setting and the vending machine game, checks hardware. |
| Responsibilities: | Developer |
| Programming Languages: | .net |
| Tools | Visual Studio 2017 |
| Used technologies: | .net 4.5 winform |

**Minazuki-01 (10/2020 to 12/2020)**

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| --- | --- |
| Project Description: | Develop system register machine, show information |
| Responsibilities: | Developer |
| Programming Languages: | Python, Javascript, HTML, Css |
| Tools | Visual Studio Code |
| Used technologies: | Django, HTML/CSS, Jquery, MySql |

**AI-Yugi Manage 01 (6/2020 to 9/2020)**

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| --- | --- |
| Project Description: | Maintain system |
| Responsibilities: | Front End developer |
| Programming Languages: | JS |
| Tools | Visual Studio Code |
| Used technologies: | Angular 6 |

**Travel Booking (02/2020 to 5/2020)**

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| --- | --- |
| Project Description: | Develop website company travel and booking |
| Responsibilities: | Developer |
| Programming Languages: | PHP, HTML/CSS, JS |
| Tools | Visual Studio Code |
| Used technologies: | Drupal 8, jQuery, html/css |

**Dashboard 2 (9/2019 to 1/2020)**

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| --- | --- |
| Project Description: | Develop System manager work for company |
| Responsibilities: | Front End developer |
| Programming Languages: | Reactjs |
| Tools | Visual Studio Code |
| Used technologies: | HTML/CSS, Reactjs |

**App Manage Sea Port(4/2019 to 8/2019)**

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| --- | --- |
| Project Description: | Maintain Web-app for Client Japan |
| Responsibilities: | Developer |
| Programming Languages: | C# |
| Tools | Visual Studio |
| Used technologies: | Win form |

**Redmine (6/2018 to 3/2019) (Onsite)**

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| --- | --- |
| Project Description: | Develop Maintain and Developer Redmine App for Client |
| Responsibilities: | Developer follows Basic Design |
| Programming Languages: | Ruby, HTML, CSS, JS. |
| Tools | VS Code, SublimeText 3 |
| Platform, server and database | MySQL |
| Used technologies: | Rails, JQuery, Bootstrap |

**Bank Management (11/2017- 6/2018) (Onsite)**

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| --- | --- |
| Project Description | Developer in folow Detail of Client Bank of Vietnam |
| Responsibilities | Developer |
| Programming Languages | Java, SQL, CSS, JSP, ES |
| Tools | STS, MySQL |
| Platform, server and database | MySQL |
| Used technologies | Spring Boot, Spring Security, Angular 6 |

**Student Management in University(06/2017- 11/2017)**

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| --- | --- |
| Project Description | Student Management is a system capable of manage, tracking, and store information and activity school of student with Client Japan |
| Responsibilities | Developer |
| Programming Languages | Java - Android |
| Tools | Netbeans |
| Platform, server and database | MySQL |
| Used technologies | Android App, Postman API |

**Tricom Management (03/2017- 10/2017)**

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| Project Description | Management is a system Booking room of Company Client |
| Responsibilities | Developer |
| Programming Languages | Ruby, HTML, CSS, JS |
| Tools | Sublime Text |
| Platform, server and database | MySQL |
| Used technologies | Rails, JQuery, Bootstrap |

**Reschin Management (2016)**

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| --- | --- |
| Project Description | Student Management is a system capable of manage Restaurance |
| Responsibilities | Developer |
| Programming Languages | Ruby, HTML, CSS, JS |
| Tools | Sublime Text |
| Platform, server and database | MySQL |
| Used technologies | Rails, JQuery, Bootstrap |

**SALARY:**

**INTERESTS**

* Football, Cheese,..
* Travel, trekking
* Music
* Reading