Duc Anh Bui

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EDUCATION

UNIVERSITY OF NOTTINGHAM
2017-2018
Master in Computer Science with AI, 1st

2014-2017
Bachelor in Mathematics and Economics, 2.1

ABBEY COLLEGE
A Level
Mathematics (A), Further Mathematics (A*), Economics (B)

LINKS

Github:// **uiucanh**
LinkedIn:// **duc-anh-bui-b58521171**

SKILLS

PROGRAMMING
Python • Java • C# • R
SQL • HTML • CSS • PHP

MACHINE LEARNING
Numpy • Pandas • Scikit-learn
SciPy • TensorFlow • Keras

TOOLS
VSCode • GIT • MySQL
Matlab • Tableau • Microsoft Office
Flask • Django • ASP.NET Core
Node.js • MongoDB • Jupyter Notebook

ACHIEVEMENTS

• International Orientation Scholarship
• Participant of JENESYS student exchange program
• Third place at district chess tournament

EXPERIENCE

ANT JSC | Junior Data Scientist
September 2018 – Present | Hanoi
- Cleaning datasets obtained from external sources.
- Produced compelling visualisations to communicate to a wide range of audience.
- Assisted supervisor with designing data pipeline and implementation of machine learning for clustering customer groups within the telecommunication industry.

SPRINGWATER RESTAURANT | Barman / Waiter
2017 – 2018 | Nottingham
- Preparing alcoholic or non-alcoholic beverages for bar and patrons.
- Providing excellent wait service to ensure satisfaction.

VIETNAMESE SOCIETY | President
2015 – 2016 | Nottingham
- Provided support, advice and guidance to the other committee members throughout the academic year.
- Improved the society image through setting up new and exciting society trips.
- Successfully hosted a Chinese New Year performance show that consists of over 200 guests.

BRITISH COUNCIL | Intern
Summer 2013 | Hanoi
- Assisting the marketing department with organising events, producing promotional materials.
- Aid the IT department with various tech issues within the company.

PROJECTS

MACHINE LEARNING DISSERTATION | Python
- A 20,000 words dissertation involves tackling the problem of predicting the outcome of a match in the popular multiplayer video game Dota 2. Various classification models were applied to build a recommender system.
- Obtained a higher prediction accuracy compare to previous studies by performing intensive feature engineering and hypertuning parameters. Achieved a grade of 77%.

DOG OR CAT | Python, Javascript
A Flask web application that classifies an image as a picture of a dog or a cat using a trained Keras model.

POLICE DATABASE | PHP, HTML, CSS
A database for recording police records with an integrated interactive web front end in PHP. Obtained a grade of 85%.

FLAPPY-ML | Java
Implementing genetic algorithm on a flappy bird game made in Processing