

# Duc Anh Bui

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uiucanh.github.io

## 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

Personal Website:// [uiucanh](#)

Github:// [uiucanh](#)

LinkedIn:// [duc-anh-bui-b58521171](#)

## SKILLS

### PROGRAMMING

Python • Java • C# • R

SQL • HTML • CSS • PHP

Javascript

### MACHINE LEARNING

Numpy • Pandas • Scikit-learn

SciPy • TensorFlow • Keras

### TOOLS

VSCode • GIT • MySQL

Matlab • 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

### HOUSING ANYWHERE | DATA SCIENTIST INTERN

July 2019 – Present | Rotterdam

- Validate assumptions brought forward by the product team and other stakeholders using product data analysis. Performed investigation on a flaw of the platform search system.
- Work and validate models for suggesting similar rooms/apartments based on the user's shown preferences and actions on other listings.
- Development of a new version for the platform online fraud prevention system by cleaning data and employing Natural Language Processing technique. The new version achieves a 20% increase in precision, ensuring no scams slip through.

### ANT JSC | JUNIOR DATA SCIENTIST

September 2018 – June 2019 | 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.

### 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 data preprocessing and feature engineering. Achieved a grade of 77%.