

Zane Hartley

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EDUCATION

PHD COMPUTER SCIENCE - UNIVERSITY OF NOTTINGHAM 2019-PRESENT

Thesis on *Deep Learning for Plant Phenotyping*

Under the supervision of Dr Andrew P French and Dr Michael Pound

MSCI (HONS) COMPUTER SCIENCE - UNIVERSITY OF NOTTINGHAM 2015-2019

First Class Degree Classification

Winner of Undergraduate High Achiever Award 15/16

Winner of Undergraduate Exceptional Achievement Award 16/17

BIRCHWOOD HIGH SCHOOL 2007-2014

A Levels: Mathematics A*, Further Mathematics A*, Physics A

AS Levels: Chemistry A, OCR Extended Project in Artificial Intelligence A

GCSE: 1 A*, 9 As

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript (AngularJS, NodeJS)

Deep Learning Libraries: Pytorch, Tensorflow, Caffe

Software: Matlab, MySQL, Git

WORK EXPERIENCE

TEACHING ASSISTANT AT UNIVERSITY OF NOTTINGHAM OCTOBER 2019 - PRESENT

- Foundations of Artificial Intelligence
- Computer Vision
- Mathematics for Computer Science

SOFTWARE DEVELOPER AT PUMA ELECTRONICS LLT JUNE 2017 - AUGUST 2018

- Developing responsive client facing web portals in Angular JS
- Building performant apps in NodeJS

RESEARCH INTERESTS

DEEP LEARNING

- Convolutional Neural Networks
- Generative Adversarial Networks

COMPUTER VISION

- Active Vision
- Plant Phenotyping

VOLUNTEERING AND INTERESTS

PRESIDENT OF UON BOARD GAME SOCIETY 2018-2019

Organising and running regular events for the society.

Leading a committee in the overall running of the group, including finances, planning and advertising.

UNIVERSITY OF NOTTINGHAM COMPUTER SCIENCE GURU 2016-2017

Worked as part a part of a team of Gurus to introduce new students to the Computer Science department.

Pro-actively making new students familiar with the basics of programming and university life.