

# JOSHUA MACLEOD

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📍 Swindon, UK

🌐 josh-macleod

## EDUCATION

### MEng Electronic Engineering

#### University of Southampton

📅 Sept 2017 - June 2021

Master's degree covering many areas of electronics but with personal specialisation in control theory, mathematics and programming. I am currently on track for first-class honours.

### A-levels

#### Royal Wootton Bassett Academy

📅 Sept 2015 - July 2017

- Mathematics - A\*
- Physics - B
- Electronics - A
- AS Further Maths - A

### GCSEs

#### Royal Wootton Bassett Academy

📅 Sept 2010 - July 2015

- 5 A\*s - Mathematics, Further Maths, Biology, Physics, Computer Science
- 4 As - English, Media Studies, Chemistry, German
- 3 Bs - English Literature, History, Religious Education

## EXPERIENCE

### Commercial Operations Assistant

#### Royal Agricultural University

📅 July 2018 - Sept 2018

- Worked with the catering and retail teams to ensure customers had a positive experience whilst they were eating or shopping.
- Allowed me to gain experience in conflict resolution, effective communication and customer service.

### Volunteer

#### Wootton Bassett Scout Group

📅 Jan 2015 - June 2015

- Helped to run sessions and activities for younger children whose safety and welfare were my responsibility.
- Gained significant experience of working with children with a variety of communication needs in addition to working as part of a larger team to deliver the sessions.

### IT Support Technician

#### Westcon Group

📅 July 2014

- Worked as part of the IT Support team to solve a variety of problems.
- Allowed me to improve my communication skills by asking relevant and important questions in order to diagnose problems and identify solutions in a timely manner.

## PROFILE

*I am a highly motivated, honest and hard-working individual who can be relied upon to work individually or as part of a team. I have good demonstrable teamwork and management skills, as well as an ability to quickly grasp new concepts and ideas.*

## SKILLS

Problem Solving

Public Speaking

Leadership

Teamwork

MATLAB

C/C++

Python

HTML/CSS

JavaScript

MS Office

## PROJECTS

### iEat Calorie Counting Scales and App

#### University of Southampton

📅 Oct 2020 - Jan 2021

During the final year of my degree, I undertook a group project that created a smart scale and accompanying applications that aimed to help a professional dietitian to track the nutritional intake of her clients more efficiently.

### Implementation of a Dynamic Deep Neural Network on a Neural Processing Unit

#### University of Southampton

📅 Oct 2019 - May 2020

In the third year of my degree, I worked on an individual project investigating how the performance of neural networks can be improved by using a dedicated AI chip in place of a standard CPU or GPU.

## AWARDS



**Silver Duke of Edinburgh's Award**  
Awarded in 2016

## REFERENCES

Available on request.