**Name**

Curriculum Vitae

Current permanent address:

Mobile number:

Landline number:

Email address:

**PERSONAL STATEMENT**

I am a hard-working student who has recently finished an MSc in Food Security at the University of XXXX and have also completed a BSc in Biosciences from the University of XXX. On top of my degree, I worked at the University of XXX campus, over three summers as a Horticultural Technician. I also volunteered in South Africa, carrying out conservation fieldwork. I have worked in a wide range of sectors, including retail, hospitality, and charity. Whilst at university I actively participated in the orienteering and pool societies, while keeping up my other hobbies which include running and rock climbing.

**EDUCATION AND QUALIFICATIONS**

**2022-2023:** University of XXX – Food Security MSc

Awaiting final grade – distinction expected.

**2019-2022:** XXX University – Biological Sciences BSc

Graduated with a 2:1.

**2017-2018:** XXX School and Sixth form – A Level

Biology - A\*, Chemistry - A, Psychology - A, English (AS Level) - B

**2011-2016:** XXX School – GCSE

Biology - A\*, Chemistry - A\*, Physics - A\*, History - A\*, Art and Design - A\*, English Literature - A, English Language - B, Mathematics - A, Further Maths - B, Citizenship Studies - A, Geography - A, German - C

**UNIVERSITY EXPERIENCE**

The second year of my undergraduate degree consisted of a more in-depth study of plant science, genetics, and cell signaling, including a project in which I created DNA barcodes from plants sampled from a local forest. This also included a unit on quantitative data analysis, where the coding language for R was taught.

In my final year, I chose to study modules on plant physiology and genomics. My final literature review was on the resistance of potato crops to *Potato virus Y* and technologies that could be used to engineer virus resistance. Furthermore, I was tasked with a group project investigating the potential of genetic modification technology to create rice with improved water use efficiency, to manage water scarcity in India.

During my Master’s, I completed a variety of units exploring climate change policy, the challenges of global food security, and crop production/protection. During the summer, I undertook a lab and field-based project identifying potential sources of resistance in lettuce genotypes to turnip yellows virus (TuYV) and investigating the incidence of TuYV in sampled lettuce crops. In this project, a triple antibody sandwich ELISA technique was used to detect the presence of virus and quantify virus susceptibility. RT-PCR was also used so that a TuYV isolate from a sampled lettuce could be sequenced and used for phylogenetic analysis.

**RELEVANT WORK EXPERIENCE**

2019-2022: Horticultural Technician at XXXX

* Summer seasonal work
* Maintenance of glasshouses used for growth and pathogen resistance experiments
* Propagation and crop husbandry
* Assistance in field trials on crops
* Planting, harvesting, field irrigation and weeding

2019: Conservation volunteer, South Africa

* Four weeks working on a national reserve
* Assisted in a bird identification and mating pattern project for a local university
* Used radio telemetry to track protected species such as lions
* Clearing invasive plant species such as prickly pear
* Volunteered in a local primary school and soup kitchen

2016: Summer internship, Biological Sciences department at XXXX

* Internship in a neuroscience lab.
* Observed research on mice brains with subsequent analysis with brain scanners to determine areas involved in learning.
* Attended seminars and was given lab demonstrations on mass spectrometry, DNA sequencing and biosensors.

**OTHER WORK EXPERIENCE**

2018-2019: Retail Assistant at XXXX

All aspects of customer support and working on tills.

2018: Front of House at XXXX

Serving customers, waiting on tables, bar closing and cleaning.

**PERSONAL ACHIEVEMENTS**

* Bronze and silver Duke of Edinburgh (2015, 2016).
* World Challenge (2017). This involved travelling through Costa Rica and Nicaragua as a team for three weeks and volunteering at a turtle conservation site.

**HOBBIES AND INTERESTS**

I enjoy running, have completed multiple 10K and half marathon competitions and am currently training for a marathon. I also enjoy reading, particularly novels by authors such as Margaret Atwood and John Irving. I was an active member of my local football club (2006-2015) and whilst at university I was a member of the pool and orienteering societies, competing in competitions.

**REFERENCES AVAILABLE UPON REQUEST.**