

# **Jesse Armstrong**

jessearmstrong98@gmail.com ♦ 07415026814  
LinkedIn: [www.linkedin.com/in/jesse-armstrong](http://www.linkedin.com/in/jesse-armstrong)

A motivated graduate with a passion for science. Having completed my degree, I am excited to put my skills to use and begin a career working in the microbiology field. I am keen to develop professionally and learn new skills.

## **Education**

### **Higher Education - the University of Sheffield, 2016 - 2020:**

- MBiolSci Biochemistry and Microbiology: I achieved a 1st with honours in my integrated bachelor's and master's degree.
- I received a thorough and high-quality education in molecular and microbiology; topics studied included biochemical reactions, genetics, signalling, molecular processes and systems, microbial biology and ecosystems, molecular and reaction kinetics, molecular medicine and disease, and immunology.
- I received training in assay design, research strategies and extensive training in a wide range of research techniques. I accumulated 9 months of lab experience conducting research, including 6 months of independently led research. This included experience in laboratory management and using and developing SOPs.
- Extensive experience in using/analysing/collating scientific literature and data and scientific writing such as preparing research reports, literature reviews, presentations, and research/conference posters. Experience in working within a team environment and presenting work to colleagues.
- For my masters' dissertation I achieved 76% in my lab report and 85% in my literature review.
- Experience in analysing data using statistical analysis software.
- I completed my master's dissertation project on microalgal biotechnology and my bachelor's dissertation project on signalling proteins in *staphylococcus aureus*.

### **Secondary education - Beechen cliff school 2009 - 2016:**

#### **A Levels:**

- Biology: A
- Geography: A
- Chemistry: B
- History (AS): B

#### **GCSEs:**

- A\* grade: English literature, Biology, Chemistry, Physics, Geography, History.
- A grade: Maths, English language, French.
- B grade: Product design, Humanities, Classical civilisation.

## **Volunteering work experience**

- Volunteer experience at West of England Falconry (WoEF) rescue and rehabilitation centre where I spent around 2 years (2013-2015) helping with raptor rescue and rehabilitation and education and hands on experiences.

- Work experience in the University of Bath microscopy laboratory (July 2014) using scanning and transmission electron microscopes and learning inorganic and biological sample preparation techniques.
- University peer mentoring scheme – I met regularly with first year molecular biology and biotechnology students to help them with issues ranging from course material, adjustment to university life and exam/assessment preparation.

### **Additional Skills**

- Proficient with Microsoft Office software including the use of Microsoft Excel to manage and present data and spreadsheet maintenance.
- Proficient with GraphPad Prism data analysis software.
- Experience using other scientific IT services such as PyMOL and NCBI tools such as BLAST.
- General computer literacy.

### **Hobbies and Interests**

I am a very active person and love exercise and the outdoors, I enjoy climbing and mountaineering, hiking, running, cycling, swimming, skiing, judo, and the gym. I also love music, films, reading, and chess. Completed the silver DofE expedition and silver and gold Ten Tors challenges.

### **References**

References available on request.