

## BIOLOGY CV EXAMPLE

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Recently graduated Biologist eager to begin a professional career in forensic science. Applying for this position at ..... to develop my specialist skills and interest in DNA analysis. My course has provided me with a vast amount of practical experience and I have demonstrated, in the many the roles shown below I am committed and organised with an excellent work ethic.

### Education

2009-2012

**BSc (Hons) Biology (First Class), University of Portsmouth**

A life science degree providing at first a broad range of scientific knowledge, which then through choice of units specialized in relevant areas such as: genetics, genetic engineering and recombinant DNA techniques.

Achieved 70% in both genetic engineering and recombinant DNA techniques and 75% in genetics.

### Technical Laboratory Skills

- DNA isolation techniques, confident with reagent making and pipetting skills
- Amplification of DNA using PCR cycling, reviewing and improving programs
- Setting up and running gel electrophoresis
- Understanding of quality management and control
- Analytical techniques including homogenisation, centrifugation and spectroscopy analysis.
- Statistical analysis of complex data in relation to genetics.
- Interpretation, Evaluation and Presentation of Evidence.
- Stereo and compound microscopy
- DNA analysis using software including Chromas, Bioedit and Network.
- Competent in using Microsoft Office programmes.

### Final Year Research Project.

**Title “*Can a Single Dog Hair Solve a Crime? A study to investigate if a canine can be identified through the isolation of mtDNA from hair for forensic investigation.*”**

Successful isolation of mtDNA from canine hair and amplification, tested on agarose gel assays using PCR cycling and sequenced to provide successful chromatograms that were analysed for SNPs to distinguish between individual dogs and establish family relationships. It required that I worked methodically and pay close attention to detail in order to achieve accurate results.

### Relevant Experience

#### **July 2011 Work experience in the pharmacology laboratories, University of Portsmouth**

Studied the prevalence of  $\beta$  globin-haplotypes; Benin, Cameroon, CAR/Bantu, Arab-Indian and Senegal in Sudan. This was done by extracting RNA from blood samples taken from sufferers in Sudan and performing restriction length fragment polymorphisms on the samples.

This allowed me to:

- Develop RNA extraction techniques through use of an RNAqueous kit
- Enhance my experience of running DNA electrophoresis gels
- Gain valuable experience in new techniques such as restriction fragment polymorphisms treatment

## **Employment History**

### **2011- Current Sales Assistant, Next Retail Ltd.**

- Providing customer service, maintaining shop presentation, and changing tasks quickly to support other members of the team

### **2011 Examination Invigilator and Temporary Office Assistant, Chatham House Grammar School**

- Organised exam materials, providing safe custody and organising examination stationery and materials, including question papers, in accordance to regulations

### **2011 Merchandise Shop Supervisor, Open Championship, Royal St Georges, Sandwich**

- Effective communication to large team to ensure they understood the tasks requested
- Managed a team of eight, dealing with any problems with the team as they arose
- Ensured the stock rooms were organised, provided professional customer service

### **2006-2009 Shop Assistant, Margate Village Bakery**

- Developed excellent customer service skills from serving customers, answering questions and dealing professionals with complaints
- Prepared and served food ensuring it complied with health and safety standards

### **2006 Work Experience Margate Medical Centre**

- Organisation and maintenance of patient records, including laboratory records
- Attention to detail when inputting data and updating data records

## **Additional activities and experience**

### **2011-2012 Biology Course Representative, University of Portsmouth**

- Liaising between staff and students to address issues and make improvements to the course

### **August 2008-2010 Volunteer Youth Leader for Christian Union holiday club**

- Prepared and ran activities for 4-7 year olds incorporating learning elements, Chosen to be a small group leader, met with the public to advertise and gain feedback about the holiday club

### **2008-2009 Weekly Youth club leader volunteer, Deep Heat Youth Club**

- Ran activities and discussions for 11-14 year olds, marketed the club through setting challenges and local networking

## **Awards and membership**

- Biology Society award for the best final year performance in Forensic Biology
- E-Student Member of the Biology Society
- Attending Biology Society 2012 Annual Student Conference (December)

## **Other Qualifications**

- Full, clean UK Driving licence.
- 280 UCAS points in Biology, Chemistry, Physics, Psychology and General Studies
- 10 GCSEs with grades A\*-C, including English (A), Maths (B) and Double Award Science (AA)
- Certificate in basic food hygiene to widen my knowledge and understanding of standards set at work
- Sports Leadership allowing me to safely run sporting activities for children
- Fully DBS checked for previous paid and voluntary work.

## **References available upon request**