

Naomi Beckett

JUNIOR FORENSIC ANALYST



EXPERIENCE

Forensic Science Placement Student, Eurofins Forensic Services, Jul 2024 – Jun 2025
Abingdon

12 month placement in the DNA Casework team within an ISO 17025 accredited laboratory, supporting analysts on live criminal investigations.

- Processed **85 evidence submissions** from police forces across England and Wales, maintaining full chain of custody records
- Performed **200+ DNA extractions** using Chelex, organic, and magnetic bead methods
- Operated the Applied Biosystems 3500 Genetic Analyzer for STR profiling across **150+ casework samples**
- Prepared **35 analytical reports** reviewed by senior reporting scientists for court submission

Student Lab Technician, Northumbria University, Newcastle upon Tyne Oct 2023 – Jun 2024

Part time role preparing reagents and equipment for undergraduate forensic science practical sessions.

- Set up materials for **32 practical sessions** across forensic biology, chemistry, and crime scene modules
- Maintained inventory of **60+ chemical reagents** and reordered supplies when stock fell below threshold levels

CERTIFICATIONS

Chartered Society of Forensic Sciences (Associate Member), Chartered Society of Forensic Sciences Sep 2023

First Aid at Work (Level 3), St John Ambulance Jan 2024 – Jan 2027

PROJECTS

Final Year Project: Touch DNA Recovery from Handled Objects Oct 2024 – Apr 2025

Investigated the success rate of DNA profiling from trace contact samples on commonly handled surfaces (door handles, steering wheels, mobile phones).

- Collected **240 touch DNA swabs** from 40 volunteer participants across 6 surface types
- Achieved full STR profiles from **62% of samples**, with highest recovery rates from textured plastic surfaces
- Findings presented as a poster at the **Chartered Society of Forensic Sciences Annual Conference**

Mock Crime Scene Portfolio (Assessed Coursework) Sep 2022 – Apr 2025

Completed 40 assessed mock crime scene exercises across 3 academic years.

- Performed evidence recovery including fingerprint development, footwear impression casting, and biological fluid presumptive testing
- Produced **12 full crime scene reports** with photographic evidence, sketches, and chain of custody logs

EXTRA CURRICULAR ACTIVITY

Volunteer, Victim Support Northumbria Jan 2023 – Jun 2024

Provided phone based support to victims of crime. Handled an average of 8 calls per shift across 2 shifts per month.

PROFILE

Forensic Science graduate from Northumbria University with a placement year at Eurofins Forensic Services. Processed 85 evidence submissions with full chain of custody documentation. Performed 200+ DNA extractions and operated the Applied Biosystems 3500 Genetic Analyzer for STR profiling. Trained in ISO 17025 quality management systems and crime scene evidence recovery techniques.

EDUCATION

BSc (Hons) in Forensic Science (with Professional Placement)

Northumbria University, Newcastle upon Tyne

Sep 2021 – Jun 2025

SKILLS

- DNA Extraction (Chelex, organic, magnetic bead)
- PCR Amplification & STR Profiling
- Applied Biosystems 3500 Genetic Analyzer
- GeneMapper ID-X Software
- Evidence Handling & Chain of Custody
- ISO 17025 Quality Systems
- Fingerprint Development (DFO, ninhydrin, cyanoacrylate)
- Bloodstain Pattern Analysis
- FTIR Spectroscopy (drug identification)
- Crime Scene Photography & Documentation

LANGUAGES

- English (native)

REFERENCES

Dr. Rachel Tully

Senior Reporting Scientist, Eurofins Forensic Services,
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Dr. Andrew Sherwood

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