

# Blair Allan

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Date of Birth : 7<sup>th</sup> October 1998

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A current student at the University of Leeds studying Neuroscience. Holds a variety of laboratory skills developed through my degree. A proven ability to problem solve, be analytical and diligent record keeping from projects, including Snail brain electrophysiology work. A strong team player and highly adaptable, developed through an international education. Now looking to secure an industrial placement to enhance my degree with a strong emphasis on laboratory work.

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## University Education

2018 – 2021

BSc (Hons) Neuroscience (Predicted 2:1)  
University of Leeds

Relevant modules include: Molecular Neuroscience, Neuropharmacology, Chemotherapy, Introduction to Genetics, Cardio-Respiratory Neuroscience, Neurobiology, Human Endocrinology

Key laboratory work carried out at University:

- Completed an experiment using human volunteers to observe the effects of drugs on the cardiovascular system. Analysed the data obtained using various statistical tests and produced figures to write a final report.
  - Established an isolated-tissue bath to observe the effects of Atropine and Carbachol, this task enabled me to learn skills in how to use animal tissue effectively and further understanding of drug agonist and antagonists.
  - Produced competent E Coli cells that were then transformed to be antibiotic-resistant and express B-galactosidase by using plasmid DNA. Producing genetically modified E Coli required precise measurement and attention to detail, which later resulted in clear results of transformation.
  - Carried out an SDS-PAGE project; working in small groups, to identify unknown immunoglobulins based on their molecular mass.
  - Completed a snail brain electrophysiology project where I implanted electrodes into a single neurone to record an action potential, measuring the input resistance and observing synaptic responses.
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## Work History

David England Builders – Builder

2019

Employed as a Carpenter's assistant with the role consisting of mainly manual labour. The job did, however, develop communication and teamwork as often tasks could not be completed without the assistance of multiple colleagues. To help improve the business I spent one day a week working on organising the finances, including recording costs and producing quotes for new projects which involved the analysis of multiple aspects from material costs to customer-specific requests.

iO Italian Osteria – Waiter

2016 – 2018

Working as a waiter at iO required me to greet guests, order taking and resolve any complications during their dining experience. I had to work well in a team to ensure a pleasurable experience while also communicating with the kitchen to make sure orders were correct. Often at times, the job came with high-pressure scenarios which required having a positive attitude and patience when dealing with customers, a skill which I have developed and used for other aspects of work such as conflict resolution during presentations or when trying to meet a deadline.

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## SKILLS

- **Communication:** While working in a restaurant, communication was vital to understand, record and relay the requests of a customer to the relevant members of the team. Good communication amongst the group enabled a better team performance in keeping customers happy.
  - **Time Management:** During my time volunteering for Caring for Cambodia, I organised a large scale charity event, which required me to delegate roles and organise thirty fellow students. Partly due to my time management, the event was a success raising £20,000 for a great cause.
  - **Problem Solving:** During the module introduction to genetics, you're tasked to research, analysis and make a decision, based on limited information, on how and which genes result in the scenario given, which enabled me to practice resolving in-depth queries methodically and independently.
  - **Team Player:** During the module, Human Endocrinology, we were tasked with a group presentation. This presentation was difficult to construct due to conflicting ideas on what to present, either Crohn's disease or diabetes. The outcome of this conflict resulted in me persuading the group to present both ideas.
  - **Ability to Work Under Pressure:** While working at Dave England builders, time was crucial with multiple projects having to be completed in four weeks. The workload and pressure were significantly high, however, I was able to complete the tasks and maintain the high quality of work.
  - **Analytical Reporting:** During my degree, the laboratory work includes statistical analysis to support our findings; an example being the isolated tissue bath project where t-tests were used to observe significance.
  - **IT Skills:** Proficient in Microsoft Office, IBM SPSS 26 and Apple Mac programs.
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## EDUCATION & QUALIFICATIONS

2016 – 2018	Tanglin Trust School, Singapore
A level: Biology (A) Psychology (B) Business (B)	June 2018
Extend Project: EPQ (A)	June 2018
2015 – 2016	British School Al Khubairat, Abu Dhabi
AS levels: Physics, Physical Education	June 2016
2013 – 2015	Al Yasmina School, Abu Dhabi
10 GCSEs: Grade A* - B	June 2015
(Including Triple Science, Maths and Statistics)	

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## PERSONAL AWARDS, ACHIEVEMENTS & ADDITIONAL VOCATIONAL

- Led a team of four on a fourteen-day expedition in Mauritius, spending one week building a part of a school and the other trekking and camping across the rainforest to gain the Duke of Edinburgh Gold Award.
  - Actively play and compete in Football – I have competed and captained my team in the Gothia Cup, the world football youth cup, three times.
  - My education and family life spanned six countries resulting me to be a keen traveller who takes an interest in different cultures and meeting new people.
  - Team Leader for a group of 25 fellow students to produce a charity event raising over £8,000 for the charity, Caring for Cambodia.
  - Hold a full UK driving licence.
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## REFERENCES

Academic: Dr Susan Deuchars, Director of Research, Neuroscience, University of Leeds,  
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