**Joshua Charles Broadhurst**

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I am a second-year student at the University of Bath studying towards a BSc (Hons) in Physics and currently undergoing a 12-month industrial placement at Lloyds Banking Group. Being a motivated, pro-active and an ambitious self-starter, I am looking for a rewarding and challenging internship opportunity within a global bank. Also, willing to relocate.

**EDUCATION**

**2016 – 2020 University of Bath, BSc (Hons) Physics with Industrial Placement**

(Year 1: 70% overall, Year 2: 66% overall)

* **Relevant modules:** Mathematical Methods for Physics (involving advanced differentiation and integration, matrix algebra, mathematical modelling and statistical probabilities); Experimental Physics and Computing (developed skills in programming languages Python and C).

**2014 – 2016 Coleg Sir Gar**

* **A Levels:** Mathematics – A\*, Further Mathematics – A\*, Physics – B

**2011 – 2014 Bryngwyn Comprehensive School**

* **GCSEs:** 10 A\*-A grades, including Mathematics, English and Science

**WORK EXPERIENCE**

**June 2018 – July 2019: Lloyds Banking Group, London**

Chief Operating & Risk Science Office – Business Banking Modelling Analyst

* Spent the first six months of my industrial placement in the Transformation & Innovation team where I built new, innovative acquisition models (utilising Logistic Regression and Machine Learning modelling techniques) on the whole LBG portfolio, involving over 30 million customers’ transactional data.
* The remainder was spent in the Business Banking Modelling team. Here, I had to quickly take on the responsibility of running the quarterly monitoring on the models that the team possess, encompassing over 1 million small businesses and a total portfolio with debit balances of c. £1bn. I also discovered a significant model implementation error (post going live), thereby ensuring correct credit sanctioning decisions were being made and thus limiting the risk exposure to the bank.
* Through both roles, I have had many excellent and challenging opportunities, such as presenting key work to very senior stakeholders in the Group as well as developing my analytical and programming skills – vastly increasing my presentation skills and developing a solid understanding in SAS, Python and Microsoft Excel and PowerPoint.

**Summer 2017: Car Limits Ltd.**

Sales Assistant and Administration Staff

* Worked at a supercar experience day where I managed bookings and made on the day sales to customers.
* Made the most on the day sales, making over £1000 for the company in one day on multiple occasions.

**May 2015 – 2016: Morrisons**

General Assistant

* Had many roles, mainly involved in customer services.
* Vastly improved my interpersonal skills, especially my confidence with speaking to customers.

**SKILLS**

**Technical Skills:**

* Proficient in Microsoft Excel, SAS and SQL, and a developing knowledge in Python, MATLAB and C.
* Excellent written and verbal communication skills, developed from challenging presentation opportunities.
* Superb time management skills – have also attended a ‘Smarter not Harder’ course for young professionals.
* Confident with project management strategies and agile working methods e.g. JIRA/Confluence.
* From laboratory work at university, I am able to adapt quickly to new and changing environments to apply my knowledge and skills developed over the years to solve problems that I am faced with.
* Massive team player which has developed from my years of regional rugby and working within a large team in LBG.

**Languages:**

* English (fluent written and spoken)
* Welsh (intermediate written and spoken).

**ACTIVITIES AND INTERESTS**

* Avid rugby player: played regionally for the Scarlets and captained school, college and local teams for a number of seasons.
* Participated in a ‘Day to Make a Difference’ through LBG where we went to a local special needs school and hosted a training day with different workshops to help increase students’ employability and job prospects.
* Have taken part in children’s rugby camps where I participated in coaching and organising the camps.
* Annually go skiing and a core member of the university’s skiing team, competing nationally.
* Travelled the world, including countries like India, which I have visited several times. Each time gaining more knowledge and understanding for other cultures and building relationships with people of diverse backgrounds.