

Mary Jones

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A Physics graduate with the ability to produce work accurately and to a high standard, as evidenced by academic research and work experience with a biotechnology firm, with additional interpersonal skills developed through part-time employment.

EDUCATION

2008-2011 Swansea University

BSc Physics

- Gained strong understanding of Quantum Mechanics, Atomic Physics, General Relativity, Astrophysics, Nanotechnology.
- Carried out experiments with accuracy, analysed the results and drew conclusions.
- Enhanced oral and written communication skills by regularly working on small group projects to produce accurate scientific reports and communicate results effectively.
- Used mathematical techniques in order to solve real-world physical problems, e.g. calculus in order to solve quantum mechanical, thermal and statistical problems.
- Final year project: Hypervelocity meteor impacts and their effects on Earth.

2002-2008 Newton Comprehensive School, Newtown, Powys

A Levels: Maths B, Law B, Economics B

9 GCSEs: grades A-C

RELEVANT WORK EXPERIENCE

2008-2011 Bain Codon Biotech, Newtown Biotechnology Firm Intern

- Supported the team with projects related to cancer diagnosis, and technological applications for genetic testing
- Gained experience of working in a diagnostic laboratory
- Performed calculations and solved problems of a quantitative or analytic nature
- Gained experience in applying abstract formalism to real world problems

OTHER EMPLOYMENT

2009-2011 The Farmers' Arms, Swansea

Bar Staff (part time during academic study)

- Developed excellent communication skills and learned to adapt style to suit customer
- Worked effectively as part of a team to organise work rotas
- Prioritised workload when covering restaurant and bar
- Completed cash reconciliation at the end of each shift

008-2009 Virgin Media, Swansea

Customer Service Representative (part time during academic study)

- solved problems in a target driven environment
- further developed customer service skills when dealing with calls from the public

2006 –2008 Next, Newtown

Sales Assistant (part time during A Level study)

- gained confidence in work environment and helped to mentor new members of staff
- understood the significance of spread-sheets detailing best-selling items
- applied this information for effective organisation of stock on the shop floor
- worked as part of a team in a fast-paced environment to ensure effective running of the store

POSITIONS OF RESPONSIBILITY

2009-2011 **Secretary of the Physics Society:**

- Chaired meetings of the Society and liaised with Student Union on Society procedures
- Set up visits to local finance companies e.g. organised for 30 students to visit NASA via an academic contact.
- Increased membership by 35% through effective use of Facebook and innovative activities during Welcome Week

2010-2011 **Student Ambassador, Swansea University**

- promoted higher education opportunities to prospective students and their parents

ACHIEVEMENTS

Music Piano and Violin - Grade 8

- dedication and commitment necessary for attaining this level in both instruments
- played in both Youth and County orchestras, regularly competing in national championships

Sport Member of the University Ladies' Hockey Squad

- effective team-working and communication skills between all members of the squad resulted in a winning team.