Joanne Davies

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Personal Profile

A fourth year MGeol Geology student from the University of Leeds with an enthusiastic and strong work ethic and keen interest in a career in Geotechnical engineering or Engineering Geology. Holding excellent communication skills and ability to work effectively individually as well as part of a team, with experience in report writing, data presentation and technical software.

Education

2012 - 2016 University of Leeds

MGeol, BSc in Geological Sciences

Modules including:

Structural Geology

Geophysics

Contaminated land studies

Hydrogeology: experience in hydraulic techniques: slug tests, pump tests, water quality analysis

MGeol Research Project:

Currently undertaking research into the structural evolution of a complex ancient accretionary prism within the Culm Basin in the South-West of England. Using a compilation of data and use of technical software to analyse the formation of this structure, with the results to be used by the Basin Structure Group, an industry-facing research group at Leeds University.

2006 - 2012 Central School

A-LEVEL Maths (A)

Geography (A) History (B)

GCSE 3A*'s, 8A's (A*'s in Maths, History, Religious Studies)

Skills

Technical

- Experience in fieldwork in Australia, Arctic Norway, the UK and Ireland.
- Experience in analysing data in all areas of my studies
- Computer skills in:
 - Microsoft Word, Excel, Powerpoint
 - ARCGIS
 - Midland Valley Move
 - Coding using Fortran 95

Communication

- A proactive communicator, who is able to effectively present ideas to a group
- Experience in writing technical reports and presenting findings to a large audience
- Student class representative at the ANU- negotiating and working alongside the Head of school and students
- Ability to speak conversational Spanish

Interpersonal

- Participant in numerous sports teams and arts events at school, Leeds University and the ANU, developing my team working skills.
- Member of Rocsoc- the Earth and Environment departmental society, throughout my time at Leeds University.
- Took part in a volunteering programme in South America, communicating and working alongside the indigenous community.

Leadership and Organisation

- Notable time management skills with the ability to manage several projects- organising work experience and my mapping dissertation fieldtrip whilst studying abroad in Australia.
- Organised and participated in a team to take part in the 10km Commando Challenge, raising considerable funds for the Help for Heroes charity.
- House prefect as well as a team captain for tennis and hockey at Blundell's School.

Experience

August 2015

WSP PB, Bristol

Working in the Geotechnical sector

Assisting the Head of Discipline in writing technical notes to incorporate new Eurocodes. Assisting with a feasibility study for a new project as well as writing and updating Ground Investigation Specifications for current and future project sites. Experiencing working under new, more challenging situations as well as improving my understanding of the structure within a commercial organisation.

July 2014- July 2015

Study Abroad Programme

Studied at the Australian National University in Canberra

Fully involved in college life, taking part in the girls AFL and other sports teams and music programmes. Showed independence and time management skills through involvement at college, travelling, as well as excelling in academia and becoming a student class representative for a module.

July- August 2013

Volunteer work in Ecuador and the Galapagos Islands

Working alongside the local community to improve the infrastructure of their town and to preserve the local environment.

Demonstrated my Spanish speaking skills working with the locals and helped solved any miscommunications between them and our volunteer group. Showed strong leadership and management skills in task orientated projects to provide practical support to deprived and undeveloped farming communities.

July-August 2012

British Exploring Society expedition to the Arctic

Took part in geological and environmental scientific research which was later published. In a testing environment, I developed leadership, positive thinking and team work skills alongside a team of different personalities and backgrounds, whilst demonstrating strong leadership skills when leading the group across the ice-field.

Interests

Keen sportsman, in particular tennis, hockey and running- A member of university tennis societies for the past three years

Outdoor Activities and conservation- completed the Bronze Duke of Edinburgh Award. Presented the John Muir Award for environmental awareness and conservation

Volunteer work at the local community shop

Blundell's School Art Society

References – Available on request