**Wesley Robertson**

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Very driven and motivated to better myself in all aspects of life. Working hard comes naturally and is essential to my success. Through my three years of studying Chemical Engineering I have learnt many things including process simulation, fluid dynamics, thermodynamics, design of process equipment and coding, however, I am very keen to apply such learning to an industrial setting.

**Education**

**The University of Aberdeen - Meng Chemical Engineering (First Class Expected), 2015 – 2020**

***4th year (Currently Studying):***Biochemical Engineering, Process Safety, Process Control,Business and Management essentials.

***3rd year:*** Heat, Mass and Momentum transfer (A1), Chemical Thermodynamics (A1), Fluid Mechanics (A1), Project and Safety Management (A4), Separation Processes (A1), Engineering Analysis and Methods (A1), Process Modelling (A1), Chemical Reaction Engineering (A2) and Chemical Engineering Design (A3).

***1st and 2nd year:*** Introduced to the basic principles of chemical, electrical, mechanical, and civil engineering. Giving an insight into all engineering disciplines. **Achieved 14 A’s and 2 C’s**

***Individual Project (4th year):***Extractive Distillation (with the focus being on ethanol-water, using Ionic liquids as solvents to try and enhance the conventional process using ethylene glycol).

**Cults Academy**, 2009 – 2015

*Advanced Highers:* Mathematics (A), Chemistry (B), Biology (C)

*Highers:* Mathematics (A), Biology (A), Chemistry (A), Physics (A), French (A), English (B)

**Skills**

* Have improved my problem solving through my studies at university, particularly in my third year design project designing specific pieces of chemical plant equipment such as a heat exchanger and a distillation column.
* My swimming teaching qualification has also added to my problem solving abilty, where it was necessary to break down club swimmers technique in order to make the swimmer faster/ more efficient in the water.
* Proficient user of Aspen Plus and Matlab.
* My individual project (Extractive Distillation) is further developing my Aspen Plus knowledge, inputting new solvents into the Aspen database.
* Skilled with Microsoft office packages including Word, Excel and PowerPoint.
* Aspen Hysys, CES EduPack, Visio and solid works have also been used.
* Advanced communication skills through my lifeguarding role dealing with pool participants and complaints which must be communicated with management. It is essential to be clear and concise with communications so the message is well received, especially during an emergency.
* My studies have allowed me to present in a group and individually to large groups of people. Written reports have been a frequent task developing my written communication skills.
* Confident taking a leadership role in a group. In my third year, a large group task for Chemical Engineering Design was assigned, in which I took a leadership role overseeing and working on all work packages required ensuring all participants were involved and understood the technical content. We achieved a very successful outcome finishing the project well within the time range and achieved a top grade.
* Part of my swimming teaching role involves preparing a Scheme of Work for the term of lessons with a detailed outline of key skills to be taught each week in order to cover all relevant assessment areas. A lesson plan must also be prepared for each lesson.
* Having part time jobs while being a student has enhanced my time keeping skills.
* Required to be patient with slow learners in classes and supply the swimmers with encouragement and confidence in their ability.
* Dealing with complaints and rule breakers in my lifeguarding role has allowed me to improved skills in customer service.
* Creating games and activities as a young leader at scouts required a lot of creativity due to the young scouts being very energised with a tendency to become bored.

**Work Experience**

**Level 2 Swimming Teacher,** Sport Aberdeen, 2012 – Present, David Lloyd Clubs, 2015 - Present, Aberdeen.

Responsible for:

* Teaching swimming to children classes ranging from ages 4-16 and adult beginner classes, in class sizes of 4-10.
* Having good time keeping to cover all relevant skills in a single lesson.
* Adapting each lesson to the specific needs of the swimmer, for example if the swimmer has a disability or behaviour disorder, the lesson must be adapted accordingly changing progressions and activities.

Achievements:

* I took a child (aged 12) for private lessons to improve their technique and speed for an upcoming race and club trial. This child placed first in their race and was accepted into the swimming club.
* Often receive positive feedback from children’s parents and adult swimmers.
* Achieved level 1 and level 2 swim teaching certificates.

**Lifeguard (NPLQ),** David Lloyd Clubs, 2016 - Present, Aberdeen.

Responsible for:

* Being in charge of a pool with up to 50 swimmers.
* Being a friendly face on poolside
* Having a very high level of concentration on poolside to ensure the safety of participants.
* Performing pool tests (Free Chlorine and pH) and using equipment in the plant room to adjust levels in the pool.

Achievements:

* National lifeguard qualification.
* Defibrillator training.

**Volunteer Work as a Young Leader at Local Scout group,** Cults Scout Group, 2013 – 2016, Aberdeen/Norway.

Responsible for:

* Running games and Activities. Typical activities include knots, first aid and Pioneering.
* Looking after scouts and running team based activities with scouts from around the world at a Norwegian scout jamboree.

Achievements:

* Was nominated as the head Young leader by the Adult leaders and my co Young leaders.
* Learned basic sailing in my time in Norway with the Norwegian sea scouts.

**Volunteer Work in Belarus Teaching Conversational English,** Cults Scout Group, 2013, Belarus.

Responsible for:

* Visiting different schools and teaching a classes of Belarussian students simple English.

Achievements:

* Gained confidence and good presenting skills teaching a large class of 20 students.
* This was a very rewarding role, especially when the young students learnt and understood new English words.

**Interests and Achievements**

* **Duke of Edinburgh Award:** Have achieved the Bronze, Silver and Gold Duke of Edinburgh Award. I achieved a lot from this process…
* **Scouting:** Achieved gold and platinum chief scouting awards.
* **Swim Coaching:** Achieved level 1 and level 2 swim teaching certificates.
* **Academic:** Achieved one of the top marks in one of my third year courses at university, Separation Processes 1 with a score of 95%.
* **Tutoring:** Having a younger brother, I helped him and his friends with their higher grade subjects.
* **Driving License:** Hold a full UK driving license.
* **Music:** Achieved grade 7 with the trombone and have been part of three bands including a jazz band, orchestra and brass band where there was the opportunity to perform in places such as Edinburgh’s Usher Hall and Aberdeen’s Music Hall. A personal achievement is when I performed an improvised solo in Aberdeen’s Lemon Tree with the jazz band.
* **Fitness:** Powerlifting is one of my main hobbies where you strive to better yourself every session and the gym is a perfect way to de-stress from my studies.

**References Available On Request.**