**Aimee Keown**

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OBJECTIVE

Passionate and highly motivated graduate looking to gain experience in process engineering.

EDUCATION & QUALIFICATIONS

**MEng Chemical Engineering, The University of Edinburgh 2013-2019**

* Achieved 2:1.

**Methodist College Belfast 2006-2013**

* A-level: Biology-A, Chemistry-A, Maths-A and Geography-A.
* GCSE- 8A\* and 3A

WORK EXPERIENCE

**Summer Intern, Turner and Townsend Performance Forum Jul 2017**

* Produced performance metrics for upstream oil and gas projects using Excel and produced deliverables for clients.
* Took responsibility for drafting sections of a report on the impact of Subsea Tie-backs.
* Gained experience extracting data from a variety of sources, analysing the data and communicating findings clearly.

**Mental Health and Wellbeing Intern, The University of Edinburgh Jun – Nov 2018**

* Led an independent professional project to optimise city-wide mental health services.
* Collaborated with representatives from the university, students’ association and both the public and third sectorto align on and achieve common goals.
* Drafted impactful situation-based documents and maps that improved access to vital support services for students.

**Summer Research Assistant (unpaid), The University of Edinburgh Jun-Aug 2016**

* Used imaging to improve treatment of scoliosis patients by creating 3D models of the spine.

**Catering Team Leader, Edinburgh University Students’ Association** **Aug 2015 – June 2019**

**Catering Team Member Sep 2014-Aug 2015**

* Ran a busy catering outlet, which involved ensuring the wellbeing of the team whilst delegating tasks effectively and ensuring team cooperation.
* Communicated efficiently with customers, team members, managers and other outlets.

PROEJCTS

**Masters’ Design Project: Water Treatment Plant and Conveyance Design Sep - Dec 2017**

* Worked in an interdisciplinary team of 7 to design a water supply scheme: water delivery, treatment and storage.
* Carried out analysis of rainwater data to assess the requirements of the water treatment plant, estimated population growth over the time period specified and undertook a preliminary design and costing analysis of the water treatment plant.

**Bachelors’ Design Project: R32 Refrigerant Production Sep 2016 - April 2017**

* Worked in a Team of 8 to design and evaluate R32 production methods for academic and industry representatives.
* Individually designed and modelled a chloromethane separation train and recycling loop.
* Gained experience working with UniSim and Excel.

**Bachelors’ Study Project: Utilisation of Waste Polymers June - August 2017**

* Conducted a literature review of current methods of polymer waste management and developing technologies.

INTERNATIONAL EXPERIENCE

**Student Exchange, ANNA University Jun 2017**

* Awarded the “Principals Go Abroad Fund” to take part in a two-week summer exchange program with ANNA University in Chennai, India.
* The program was entitled “Global Advancements in Engineering and Technology” and covered a wide range of globally applicable research topics.

**Student Exchange, Nanjing University of Astronautics and Aeronautics Jun-Aug 2016**

* Selected from a large pool of candidates for a four-week student exchange with NUAA and awarded funding by the host institution.
* Led a small design project with British and Chinese students; gained experience working across cultural and language barriers.
* Immersed myself in language and culture learning opportunities and a two-week course in advanced control numerical machining alongside Chinese students.

PERSONAL INTERESTS

**Music Student**

* While at school I learned the Piano and Violin and still play regularly.

**Student Societies, The University of Edinburgh**

* Member of Edinburgh University Yoga, Engineering and Chemical Engineering societies.