

**Amy Elizabeth Gibson**

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**Age: 20**

**Nationality: British**

## **PROFILE**

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A highly skilled, A-Level qualified, student currently studying mechanical engineering at Singapore University of Technology and Design (SUTD). She has exceptional schooling and external management experience in UK's largest maritime based cadet program. A consistently excellent performer with an outstanding record of team leadership and motivation.

Both UK and international experience of team building, leadership and management with highly competitive and responsible groups. A tenacious achiever with a firmly practical perspective on differing cultures and methods of operation. She has successfully managed people with broad ranging responsibilities requiring excellent interpersonal skills as well as technical and general skills. A determined and focused leader, committed to delivering on-going improvement by "hands on" practical problem solving. A driver, not a back seat passenger.

## **SUMMARY OF QUALIFICATIONS AND ACHIEVEMENTS**

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### **Academic:**

**Singapore University of Technology and Design, Singapore,**

**2014-Present**

Currently studying a Bachelor Degree in Mechanical Engineering. Due to graduate September 2017 with a major in Engineering Product Development.

**Birkenhead High School Academy Sixth Form, UK**

**2009-2013**

Full Two Year Course Study of 4 GCE A level Qualifications in Mathematics, Physics, Design Technology and Further Mathematics.

Full Two Year Course Study of 9 GCSE level Qualifications including Three Sciences, Mathematics, IT, Design Technology, Business Studies, English and French.

### **Non-academic:**

**Member of the Sea Cadet Corps UK**

**2007-2014**

Seven years of dedicated time and effort to the program, she gained many qualifications in boating, leadership and others listed below:

**Awards:** Gained the Lord Lieutenant's Certificate of Merit for outstanding achievement within the cadet corps. Held the position of Mayoral Cadet and through this mixed with high dignitaries of the area.

**Leadership:** Gained the highest rank possible in the program by the age of 17. She was the highest female rank of her unit from the age of 16, having to lead and motivate all other cadets.

**Qualifications:** RYA Licences; Safety Boat Level, RYA/CYA Level 4+ (Sailing), RYA 2\* (Kayaking), VHF Radio Licence. Other; First Class First Aid and maritime related fields such as rope work and ceremonial Drill (3<sup>rd</sup> at National Competition Level).

**Duke of Edinburgh's Award****2010-2013**

Completed BRONZE, SILVER and GOLD Level. Led one team of five and one of six across 50 miles of difficult terrain to overcome the Duke of Edinburgh's Challenge.

**President of SUTD Dive club****2014- Present**

Position gained on account of her extensive knowledge of Sub Aqua Diving. Helped to build up the two year old club by sourcing new external relations and maintaining current ones. Able to qualify over 60 students as Open Water Divers.

**Executive committee member of SUTD University Ambassadors****2014-Present**

One of a small team of students who are the public's first point of contact when first visiting the school, she also organises logistical needs of the events with the Admissions and Marketing staff at SUTD. Will deal with high dignitaries at formal events as well as with prospective students.

**WORK EXPERIENCE AND PROJECTS**

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**Cammell Laird, UK - Technical Assistant****2015**

Tasked to deliver a short technical report on smart materials and surfaces that could be used in a 21st Century nuclear hot cell design. The short in-depth research project allowed me to gain and improve on skills and experiences including research into high technology finishes, time management, preparing a technical document, communication with colleagues, universities and relevant organisations.

**Cammell Laird, UK – Assistant Project Manager****2015**

Shadowing of ship managers office; commercial, construction and RFA ship handling. During this time she had a range of exposure, with hands-on experience throughout all parts of working a job. She worked on various contracts, including the high profile movement and shipment of the module compartments manufactured at Cammell Lairds for the new aircraft carrier build, HMS Prince Phillip.

**Brookes Bell Safety at Sea, Glasgow****2013**

Worked at an engineering consultancy that specialises in all aspects of naval architecture and safety in the marine environment. She had the chance to work on many projects while assisting various partners, including one project that dealt with the design of passenger vessels.

**Solar Charging Station****2015**

With the support of the Maritime Youth Club (Singapore), currently working with a team as part in SUTD Energy Club to design and build an Autonomous Solar Charging station that powers a fleet of smaller boats that can execute various mission like search and rescue, patrol and environmental monitoring for extended periods of time.

**Overcrowding in Hawker Centres/Food courts****2014**

Critically observed the environment to identify problems as well as brainstorming solutions. Coordinated a team of seven to successfully prototype a product tackling the overcrowding issues in Singapore's famous Hawker Centre culture. The final prototype in practice was able to reduce the feeling over overcrowding making for a more comfortable and enjoyable experience.

## ADDITIONAL PROFESSIONAL SKILLS AND QUALITIES

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**Leadership and Management-** As described in the previous section.

**Numeracy & Problem Solving-** Computer literate to a high standard, with hands on involvement in various computer based projects including a project to build the passenger for a Glasgow based Naval Architecture Company, Safety at Sea. Hands on knowledge of many CAD/programming software including Solidworks, Rhino, Python and Microsoft.

**Communication Skills-** Can communicate easily to pass on ideas, knowledge and points of view to both her own peers as well as those of younger and older generations.

**Training & Motivating-** As the highest ranking cadet when she left the UK, she is a well-qualified training others in a way that inspires and motivates her younger and older peers. These skills have helped her gain professional qualifications in Instructional Methods.

**Fund Raising-** The Sea Cadet Corps is a self-funded charitable organisation. During her time with the cadets she has raised approximately £5000 (SGD\$10,000) for her unit both by personally and as part of group events.

## INTERESTS

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She has been involved with the British Sub-Aqua Club since 2010, however her love of Scuba started at age six (developing pool skills). By age 8 she started training in open water and is now a fully certified diver with over 200 dives of various depths and types on record. She is now the Vice President of SUTD's Dive Club and will take over the club this coming September.

As a member of the Sea Cadet Corps her love the water is expansive. She has gained high qualifications in power boating (safety standard), sailing (RYA/CYA Level 4+) and kayaking (RYA 2\*) with an additional VHF radio qualification.

Keen pianist, playing to grade 5 standard and became a junior black belt in Judo at the age of 10.

## CONTACT

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By email weekday or weekends

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