**ALI**

**Ali.363757@2freemail.com**

**EMPLOYMENT**

**R&D Intern** **The Neutral Fuels** **Feb. 2017 – Apr. 2017**

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Researched and tested different types of additives that can be used to produce a solid biofuel which can be utilized as an alternative to coal and wood.

Interacted with local and international vendors to purchase equipment required for the production and application of the solid biofuel.

**Teaching Assistant** **University of Sharjah** **Nov. 2016**

* Delivered tutorials in the 3D CAD Software ‘SolidWorks’ to university students for Mechanical

Systems & Design course.

* Taught basic design methodologies, assembly of different parts, and Finite Element Analysis.

**Maintenance Intern** **Gates Corporation** **June 2016 – Aug. 2016**

* Repaired numerous hydraulic equipment such as hydraulic cylinders, and various types of pumps in the hydraulics workshop.
* Maintained equipment used in the blasting process such as UHP pumps, and pneumatic guns in the engine workshop.

**Production Planning Intern** **Emirates** **July 2015 – Sept. 2015**

Emirates Engine Maintenance Centre

* Assisted the technicians in assembling/disassembling GE-90 and GP-7200 engines.
* Assessed the status of ongoing maintenance work in the assembly/disassembly bays and reported back to the Production Planning team.
* Prepared induction paperwork of task cards for Rolls Royce T-800 and T-700 engines.

**EDUCATION**

**BSc. Mechanical Engineering** **University of Sharjah** **Jan. 2013 – Jan. 2017**

* Cumulative GPA: 3.39

**Projects:**

* Designed, simulated and built an exerciser for wheelchair racers as a Senior Design Project.
* Built a prototype of an overhead crane for Mechanical Systems & Design course.
* Calculated heating and cooling loads of a university building for HVAC course.

**SKILLS**

* Software: SolidWorks, ANSYS, Keyshot, Minitab, C++, Microsoft Office Suite, Prezi
* Languages: English, Urdu

**ADDITIONAL EXPERIENCE AND AWARDS**

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**Honoree, Mechanical Engineering Department:** Listed In the honors list of the head of theMechanical Engineering department.

**Director of Finance, University of Sharjah MUN:** Managed the finances of the society andsupervised fundraising, and sponsor relations teams.

**Treasurer, ASME SS University of Sharjah:** Controlled the finances of the club and proposedannual budget plans.

* **Volunteer, STEP Conference 2015:** Maintained an efficient communication betweenorganizers and the sponsors.