

S M TANVIR HOSSAIN

Mechanical Engineer (Master's student, Aalto University)

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PROJECTS

I have worked in different projects & also working in some others currently.
Title: Eco Run

Year: 2013

Brief: It was a competition of designing fuel efficient 3 wheeler vehicle. The project was sponsored by JICA

Title: Design & fabrication of UAV

Year: 2015

Brief: I had worked on designing & fabrication unmanned aerial vehicle (UAV) during my undergraduate studies. I was operated by a radio controller with a range of 600 meters.

Title: Vending machine

Year: 2016

Brief: During my masters studies, our group designed & fabricated beer & cola vending machine as a part of course.

Title: Product development by ABB

Year: 2016-2017

Brief: Our team worked on a product of ABB wiring accessories to improve its mobility & efficiency. The whole work involved market research, design, prototyping & increased functionality.

Title: Field Robot

Year: 2017

Brief: Our team has developed field robot to make it suitable for the use of agricultural lands. This is an autonomous & distant controlled robot which is able to water the land as well as find unwanted obstacles in its track.

SUMMARY

"Anyone can start a marathon but only the determined can touch the finish line", these few words keep boosting me always.

I am self motivated & dedicated mechanical engineer with the experience & technical expertise to provide the highest quality of work output & system support. Skilled at formulating, implementing designs, testing & producing specifications.

CORE QUALIFICATIONS

- Adaptive & analytic.
- "Can do" attitude.
- Knowledge in technical sector (mechanical engineering).
- Leadership & time management.
- Goal oriented.
- Hard working.

WORK HISTORY

2012 - 2013 Volunteer

Green for Peace

It was a university organization. I was a volunteer & participated in tree plantation, blood donation campaigns & so on.

Sept, 2014 - Joint Secretary

April, 2015 CUET debating society

I worked as a joined secretary in CUET debating society. I was responsible for the administrative works & managing members of the organization.

Nov, 2015 - Production Engineer

Apr, 2016 PartexStar Group

- Ensuring smooth production system
- Efficient use of manpower
- Fulfilling the target production rate
- Keeping harmony with other plant
- Supervise timely maintenance
- Achieve timely delivery
- Monitoring the quality of finished products
- Minimizing the waste of raw materials

January, 2017 Delivery Man

- Continue Posti Palvelut Oy

I am working part time in Posti Palvelut Oy alongside of my studies in logistics & delivery section.

December Masters tutor coordinator

3rd, 2017 - Aalto University, School of Engineering

Continue I am presently the masters tutor coordinator in the school of engineering. I am responsible for mainly organizing the tutor groups & students, watchover the smooth function of the groups, communication between the students & school when needed and making sure students participation in different events.

EXTRA CURRICULAR ACTIVITIES

- Debate:
I was the champion team leader of my University debate team.
- Volunteer:
I was the distributor of "Green for Peace" club during my undergraduate studies.
- Engineering Guild:
At present, I am one of the active members in Mechanical Engineering guild in Aalto University.
- Hobbies:
Playing Badminton
Motorcycling
Travelling
Volunteer works

ACHIEVEMENT

- Best debater award in 2011.
- Participant award from Eco-Run project organised by JICA in 2013.

ORGANISATIONAL SKILLS

I have "leadership" skills as well as I am "good team player" & have mentality to take challenges. I have achieved these skills through my previous job & presentation works I have done during my studies & also being vibrant in arranging different industrial tours & programs in my department. Apart from that, I do have analytical ability & dig deep of certain things.

I am very good at communicating & understanding people. In my university & also in previous I was known as amicable person.

EDUCATION

- 2016 - Present Master of Science in Mechanical Engineering
Aalto University
I am pursuing master degree in mechanical engineering.
- 2010 - 2015 Bachelor of Science in Mechanical Engineering
Chittagong University of Engineering & Technology
Mechanical Engineering
- 2007 - 2009 Higher Secondary School Certificate
BNM Public College
Group: Science

SKILLS



Microsoft Office Packages
Skilled user of Word, Excel & Powerpoint.



CES Edupack
Analysis of material property, feasibility checking, plotting, material behavior analysis etc.



Design software
Creo



NX
Modelling, Simulation, FEM analysis.



KiCAD
I have working skills in making PCB.



Design Software
Solid-works



Matlab
I have operating knowledge in matlab & simulink.



Finite element analysis
I am learning Finite Element Analysis on Solids & also mathematica.



Programming Language
C++, Fortran

Tecnomatix



Industrial simulation.



Simulink
Mechatronic system design.



Language (English)
Skilled user in speaking, reading & writing.



Language (Finnish)
I have completed upto level 2 till now.



Language (Bengali)
Fluent user

REFERENCE

Referee 1:

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