

SIFAT ULLAH

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EDUCATION	Bangladesh University of Engineering and Technology, Dhaka, Bangladesh. Bachelor of Science in Mechanical Engineering with thesis (2017) CGPA: 3.04 out of 4.00 Higher-secondary School Certificate (2011) GPA: 5.00 out of 5.00 Secondary School Certificate (2009) GPA: 5.00 out of 5.00
UNDERGRAD THESIS	“Application of Finite Difference Method to solve and analyze the effect of different loading conditions on elastic body.” To generate numeric analyses of 2D elastic problems for each mesh points by Finite Difference Method and comparison of the solution with Finite Element Method. – Under the supervision of Dr. Abdus Salam Akanda.
UNDERGRAD PROJECT	“Unmanned explosive disposal system.” A micro-controller project that has: a wheeled base that can move in any direction, a neck that can rotate up to 360 degrees, an arm that can move up and down in vertical axis and a scissor that can open and close.
RESEARCH INTEREST	Interested in the field of mechanics of materials/ solid mechanics. Mechanics of composite materials, micro/nano materials, polymers and biological materials. Finite Element Method and numerical methods. Stress Analysis. Etc
TEST SCORES	GRE: 165 (Quant) , 153 (Verbal) , 3 (AWA) TOEFL: 98 (29 Reading, 26 Listening, 22 Speaking, 21 Writing)
TEACHING EXPERIENCES	From 2012 to 2017 : Taught Physics and Chemistry to Higher Secondary students and undergraduate admission seeking students in different coaching centers (Class size 10-30 students) and as a personal tutor too.
WORKING EXPERIENCES	<ul style="list-style-type: none">• Presently (from Jan, 2018): Executive Engineer (sales) at Mazada Consortium Ltd (Heavy Lifting, Heavy Haulage, Heavy Equipment etc.).• November 2017: Worked in the Mechanical Team at Formono UK Ltd for designing a pre-paid gas flow-meter for Bangladesh government. (1 month).• Former Intern (1 month) at Linde Bangladesh Ltd. (Studying ASU, AHU, HVAC-systems; Scrap Analysis etc.) .
SOFTWARE SKILLS	<ul style="list-style-type: none">• Programming and Design: Code::Blocks and Fortrun, ANSYS, MATLAB, Sigmaplot, AutoCAD, SOLIDWORKS etc.• Microsoft Office: MS Word, Excel, PowerPoint etc.

**EXTRA
CURRICULAR
ACTIVITIES**

- Founding organizer at LWYS foundation (A charitable organization):
Raised more than BDT 1,000,000 for helping poor, Arranged numerous quiz competition and science camps in rural areas to popularize science education, Founded one school under its banner and so on.
- Quarterfinalist in 6th annual Hult prize (By Clinton Global Initiative).
- Represented Sher-e-bangla hall in Inter hall athletics-2013 (110 meter Hardles).
- Member at BUET Photographic Society.
- Member at BDcyclist.

REFEREE

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