

MOHAMMAD NAZMUS SAQUIB

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Mechanical Engineering graduate with strong technical expertise and ability to communicate, having two years of engineering and research experience in materials design, manufacturing and fabrication field with eagerness to replicate knowledge of engineering and business applications.

Academic Qualification

Degree	Department	Institute	Year of passing	CGPA	
				Obtained	Scale
M.Sc.	Mechanical Engineering	Texas A&M University-Kingsville	2019	3.8	4.00
B.Sc.	Mechanical Engineering	Islamic University of Technology	2015	3.16	4.00
HSC	Rajshahi	Rajshahi Cadet College	2011	5.00	5.00
SSC	Rajshahi	Rajshahi Cadet College	2009	5.00	5.00

Working Experience

Graduate Research Assistant-TAMUK (Aug'17-Aug'19)

- Performing finite element analysis on different prototypes using commercial software Abaqus CAE.
- Fabricating and 3D printing those prototypes for testing purpose.
- Leading manufacturing team projects for graduating students.

Graduate Teaching Assistant-TAMUK (Aug'18-Aug'19)

- Grading papers of undergraduate students for advance manufacturing process, Computer aided design, composite manufacturing.
- Delivering lecture on the same courses when professor was not available.

Engineering Intern-Tarasima Apparels LTD (Apr'16-Sep'16)

- Analyzed the process flow of washed denim pants.
- Reduction of machine downtime introducing Traffic Light System.
- Improving layout design for better motion sequence.

Elective Graduate Courses

- Operations Research.
- Industrial Management.
- Advanced Manufacturing and fabrication.
- Production Planning and control.
- Engineering Economy.
- Statistics and Quality control.

Certification

- Udemy-Supply Chain: Planning of Resources and Detailed Scheduling

Extra-Curriculum Activities

- Representing St. Gregory's High School in "Horlicks Genius Bangladesh" in 2004 (a television based general knowledge competition for school students).
- Participating in Bangladesh Television parliamentary debate competition in 2010, 2011 representing Rajshahi Cadet College.
- Organizer of Meccelation'15 – country's largest mechanical festival organized by IUT MCE.
- Acting as General Secretary of "Bangladesh Student Organization-Texas A&M University-Kingsville. (May'18-May'19).
- Captain, Bangladesh Student Organization Cricket team in Intramural cricket competition, Texas, USA.
- Member, Student Government Association, Texas A&M University-Kingsville.

Volunteering Social Responsibilities

- Organizing "ORCA Blood Donation" program.
- Actively working for "ORCA Homes".
- Distributing clothes in Corpus Christi, TX among hurricane Harvey affected people.

Reference

Dr. Shah Alam

Assistant Professor, Texas A&M University-Kingsville

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