S. M. Rubayet Khan

B.Sc. Engineer (Mechanical)
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Date of birth: 12-08-1999

SUMMARY

Diligent mechanical engineering graduate adept at acquiring knowledge and tackling real-world challenges. Proficient in MS Office, AutoCAD, Solidworks, and cutting-edge engineering tools. Excellent English communication skills for seamless negotiation. Collaborative team player ready to contribute expertise and support company objectives.

EDUCATION

Chittagong University of Engineering and Technology (CUET)
|B.Sc. in Mechanical Engineering|
- CGPA: 3.45/4.00

Year: January 2018 - June 2023

Chittagong Collegiate School
|H.S.C|
- GPA: 5.00/5.00 with **scholarship**.

Year: 2017

St. Placid's High School
| S.S.C|
- GPA: 5.00/5.00

Year: 2015

ACTIVITIES

ASME CUET Student Chapter
| Office secretary |
- Arranged seminars and worked **collaboratively**.

Robo Mechatronics Association (RMA)
| Joint Human Resource Secretary |
- Worked on various **technical projects**, and shared knowledge.

CUET Automotive and Mobility Society (CAMS)
| Assistant technical secretary |
- Designed and rendered multiple parts of automobiles using Solidworks.

SKILLS

Document Editors
Microsoft Office (**MS Word, Excel, Powerpoint**).

Design Tools
Solidworks, Keyshot, **AutoCAD,** Ansys(FEM).

Soft Skills
Leadership, negotiation, problem-solving, troubleshooting.

Language skill
Bangla, English.

EXPERIENCE

Bangladesh Industrial Technical Assistance Center (BITAC)
|Internship| Mar 2023 - Apr 2023
Skills: Manufacturing, Management

KYCR Coil Industries Limited
|Industrial Visit| Mar 2019
Skills: Process of producing Cold-rolled coils, Galvanized corrugated iron (GCI)

CERTIFICATES

Introduction to Programming with MATLAB
Vanderbilt University
See credential:
https://coursera.org/share/593fbf639ea67bf428f9996273aaf0a6

Excel Skills for Business: Essential
Macquarie University
See credential:
https://coursera.org/share/b84896a1b9d1995e1ead907c6be901e3

Machine Design Part 1
Georgia Institute of Technology
See credential:
https://coursera.org/share/4f319ec2a2d2427c8ae7c072351a23e8

PROJECTS

Final year project: Mechanical behavior of Fe-Cu Nanowire using molecular dynamics technique.

Others:

- Full internal combustion engine design using Solidworks and rendering with Keyshot
- IoT-Device for mapping surrounding using Arduino & sonar.
- Wireless device for monitoring the internal environment of a refrigerator.

REFERENCE

Dr. Prasanjit Das
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Md. Aminul Islam
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Rubayet
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