

Atanu Sen Gupta

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Undergrad Mechanical Student

Personal Website: Atanu Sen Gupta

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EDUCATION

Bachelor of Science in Mechanical Engineering April 2019- Present
Bangladesh University of Engineering & Technology
Level 2 Term 2, CGPA-3.4/4.00

Higher Secondary School Certificate 2016-2018
Chittagong College
Group-Science, GPA-5.00/5.00

School Secondary Certificate 2014-2016
Chittagong Collegiate School
Group-Science, GPA-5.00/5.00

SKILLS

Programming Languages Python, MATLAB, C
Computer Aided Design Solidworks, Fusion 360, Autodesk Inventor
Simulation Softwares ANSYS, Comsol Multiphysics
Documentation Skills LaTeX, Microsoft Office

PROFESSIONAL EXPERIENCE

BUET AUTOMOBILE CLUB, Publishing Executive April 2021-Present
• An engineering club for automobile enthusiasts who want to learn and know about automobiles.

IMECHE BUET STUDENT CHAPTER, Junior Associate Feb 2021-Present
• Improving the world through engineering, the Institution of Mechanical Engineers (IMechE) is one of the fastest growing professional engineering

AUTODESK, Autodesk Ambassador Silver June 2021-Present
• Autodesk is a global leader in design and make technology, with expertise across architecture, engineering, construction, design, manufacturing.

Campus Ambassador, Shabash Fakibaj October 2021-Present
• Shabash Fakibaj™ LLC is a multinational educational organization who conveys information on graduate studies abroad to undergraduate students.

AWARDS

SSC BOARD MERIT SCHOLARSHIP 2016-2018
• Academic excellence at secondary level

HSC BOARD MERIT SCHOLARSHIP 2019-Present
• Academic excellence at higher secondary level

PRIZES

IdeaStorm-2021 Second Runner Up
• Organized by UIU Robotics

MIST Inter University ICT Innovation Fest-2021 Second Runner Up
• Organized by Department of CSE, MIST

Bikiron-2021 Champion
• Organized by SREDA Bangladesh

ACCOMPLISHMENT

CSWA: CERTIFIED SOLIDWORKS ASSOCIATE July 2020
• Certificate ID: C-3M9U6BAPFW

CSWP: CERTIFIED SOLIDWORKS PROFESSIONAL October 2020
• Certificate ID: C-257RHB3YCE

CSWPA-SU: CERTIFIED SOLIDWORKS PROFESSIONAL ADVANCE SURFACING	October 2020
• Certificate ID: C-ZLKJF2M9EA	
CSWPA-SM: CERTIFIED SOLIDWORKS PROFESSIONAL ADVANCE SHEETMETAL	March 2021
• Certificate ID: C-BWNR4ADME3	
CSWPA-WD: CERTIFIED SOLIDWORKS PROFESSIONAL ADVANCE WEDLDMENTS	March 2021
• Certificate ID: C-VESQG4PW27	
CSWPA-DT: CERTIFIED SOLIDWORKS PROFESSIONAL ADVANCE DRAWING TOOL	April 2021
• Certificate ID: C-JQV9HMGZYB	
3DEXPERIENCE COLLABORATIVE BUSINESS INNOVATOR	December 2020
• Certificate ID: C-2CPSUL6ZN4	

PROJECTS

SHOBDO-KOLPO-DRUM, Mozilla DeepSpeech, Google API, Python, Tensorflow, Git	March 2021- Present
• Speech to Braille Portable Interaction Device for Visual and Hearing Impaired	
Team Jolod	August 2021- Present
• A renewable energy-based cooling solution for this rural community maintaining a lower standard of living	
Project Carbo Fresh	June 2021- Present
• Intend to use charcoal as pre-filter and activated carbon as filter in absorption column, which will be added to the exhaust pipe of urban transports	

REFERENCES

Dr. Md. Ashiqur Rahman

Associate Professor

Department of Mechanical Engineering, BUET

ashiqurrahman@me.buet.ac.bd

Sadia Afroj

Lecturer

Department of Urban and Regional Planning, BUET

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