



ZINIA SULTANA

JOTI

Mechanical Engineer

+880173689168

ziniasultana032@outlook.com

ziniasjoti.me

www.linkedin.com/in/ziniasultana

Tongi, Gazipur, Bangladesh.



OBJECTIVE

To gain a dynamic career that enables me to apply my technical and organizational abilities to benefit, but also to provide valuable engineering experience and acquaintance with well-known tools and techniques that will assist me in my future professional aspirations.

EDUCATION

2017 - 2021

B. Sc. in Mechanical Engineering

Shahjalal University of Science & Technology

CGPA: 3.31(out of 4.00)

2014 - 2016

HSC (Science)

Safiuddin Sarker Academy & College

GPA: 5.0(out of 5.0)

EXPERIENCE

RoboSUST, SUST

Feb 2020 – Jun 2021

Vice President of R & D

- Handled 5 weeks workshop about "Introduction to Robotics".
- Guided 2 teams during the workshop.
- Arranged a workshop on Fusion 360 collaborating with Autodesk.

Black Brains

Jul 2020 – Aug 2020

Virtual Intern

- Boosted my communication skills, team management and interpersonal skills through different training sessions, challenging projects and tasks.

Energypac Ltd.

Dec 2019 – Jan 2020

Industrial Trainee

- Learned about different processes run in a heavy industry.
- Gained knowledge of operation and maintenance, procurement, planning, process control, material handling.

Mechnovation 2019

Sep 2019

Coordinator of Depiction V2.0

- Managed an inter university CAD competition

EXPERTISE

CAD & CAE:

Graphics Design:

Programming:

Office:

Soft Skills:

Solidworks, Fusion 360, Abaqus, MATLAB

Adobe Photoshop, Adobe Illustrator

Python, GNU Octave

Excel, PowerPoint, Word etc.

Adaptability, Critical Thinking, Leadership, Team

PROJECTS

Dept. of MEE, SUST

Jan 2020 – Aug 2021

Analysis of a Composite Laminated Plate: Lightning Protection Effect and Damage Mechanism.

Friday Lab, RoboSUST, SUST

Sep 2018 – Dec 2019

Bipedal Humanoid Walking Robot – "Lee".

- "Lee" is the first bipedal humanoid robot in Bangladesh, an upgraded version of "Ribo".
- Analyzed data from a number of users and implemented to have an increased conversational time.

Dept of MEE, SUST

Jul 2019 – Dec 2019

Design & Development of Autonomous Fire Fighting Robot.

- Designed the structure of the bot
- Operated drill machine, grinding machine and cut off saw for various parts
- Assembled the mechanical and electrical parts.

CERTIFICATION COURSES

Jul 2021

Excel Skills for Business: Intermediate I (Coursera)

May 2021

Introduction to Autodesk Fusion 360 (Autodesk)

Jun 2020

Introduction to Programming Using MATLAB. (Coursera)

May 2020

Project Management Essentials Certified(PMEC) (MSI)

REFERENCE

Noushad Sojib

Assistant Professor

Dept. of CSE, NEUB

Mobile: +8801738610213

Email: noushad.sust@gmail.com

Md. Syamul Bashar

Lecturer

Dept. of MEE, SUST

Mobile: +8801307486552

Email: md.syamul-mee@sust.edu