



Soumyadip Debnath

+91 7439777726

LinkedIn

dsoumyadip202@gmail.com

GitHub

EDUCATION

National Institute of Technology Durgapur
Mechanical Engineering (B. Tech) (2021 - 2025)
CGPA : 7.95 (upto 4th Semester)



Chandannagar Sri Aurobindo Vidya Mandir
WBCHSE : 97.4% (2020)

Chandannagar Sri Aurobindo Vidya Mandir
WBBSE : 93.7% (2018)

EXPERIENCE

- ♦ Project Intern (April 2023 - Present)
National Institute of Technology Durgapur
 - Currently involved in modeling and developing a 6 DOF Bipedal Robot.
 - Continuously refining the mathematical and simulink model to simulate the robot's movement and it's gait under the guidance of Prof. Nirmal Baran Hui.

PROJECTS

- ♦ Cautious-Enigma  (April 2023)
 - Developed a Python-powered Desktop Assistant that utilizes voice recognition capabilities to execute common tasks.
 - Achieving an average recognition accuracy of 90%.
 - The assistant provides the user with hands-free and efficient computing experience, reducing task completion time by 20%.
- ♦ Drum-Kit  (March 2022)
 - Created a JavaScript-based web app that provides users with an immersive musical experience.
 - It enables users to play 7 different kind of instrumental sounds effortlessly with just a few clicks.

SKILLS

Programming: Python, C++, Matlab
Web Development: HTML5, CSS3, JavaScript, React.Js
Simulation: Simulink
Data Analysis: Microsoft Excell
Graphic Design: Canva, Adobe Illustrator
Version Control: GitHub


EXTRACURRICULAR

- ♦ Student Alumni Interaction Cell (Feb 2022 - present)
 - Authored to over 25 write-ups including writeups for Encore and The NITD Chronicle as the content writer.
 - Hosted more than 10 online student alumni meets as the main anchor.
- ♦ Indian Society for Technical Education (Feb 2022 - present)
 - Mentored over 50 participants in Webcraft, a two days workshop on Web Development.
 - Supervised the involvement of over 450 participants across 9 events with my team.

INTERESTS

- Data Science
- Web Development
- Robotics
- Graphic Design

CERTIFICATES

- Matlab Onramp 
- Simulink Onramp 