



Partha Sarker

- 📍 Lamabazar, Sylhet, Bangladesh
- ☎ +88 01521428057
- ✉ parthasarker3@gmail.com
- 🌐 <https://github.com/Partha-Sarker>
- 🌐 <https://www.stopstalk.com/user/profile/Partha>

EDUCATION

- 2017 – 2021 **Studying B.Sc. Eng. in Computer Science and Engineering**
Shahjalal University of Science and Technology, Sylhet, Bangladesh
 - CGPA: 3.71/4 (6/8 semesters)
- 2014 – 2016 **Higher Secondary Certificate**
Murari Chand College, Sylhet
 - GPA: 5.00
- 2006 – 2014 **Secondary School Certificate**
Sylhet Govt. Pilot High School, Sylhet
 - GPA: 5.00

TECHNICAL SKILLS

- Programming Languages Structured C/C++, Java, Python, C#, Basic SQL
- Tools Unity, Android Studio
- Framework and Libraries Laravel, jQuery, Ajax, Bootstrap, JavaFX, openCV, Git

PROJECTS

- App Usage Tracker Tracks, collects, visualizes android app usage statistics. Also, one can set daily and weekly usage targets for individual apps and get notified about their usage.
 - Java, Android Studio, Firebase [\[Github\]](#)
- Word Segmentation Segments bengali handwritten document into words.
 - Python, OpenCV [\[Github\]](#)
- FIGHT 3d, 1v1, third person multiplayer game for android and windows.
 - Unity, C# [\[Github\]](#)
- Shikha 2d story-adventure side-scroller game about a village girl running away from the kidnappers.
 - Unity, C# [\[Github\]](#)
- P2P Messaging app Implemented java socket programming for chatting and sharing text files over the same WiFi network.
 - Android studio, Java [\[Github\]](#)
- Linear Equation Solver Desktop app for solving linear equations via Gaussian elimination method.
 - Unity, C# [\[Github\]](#)
- Find Volunteer Web project built for collaborating volunteer and various events organized by the organizations. Join as organization, then create event and post circular. Or, join as volunteer and participate in events.
 - Laravel, PHP, MySQL, Bootstrap [\[Github\]](#)

Piano Note Practice	A personal project for practicing piano notes and their corresponding sheet notation. • HTML, JavaScript, CSS [Github]
Offline Diary	Create diaries and store everyday memories on the local machine. Can also store and playback media files. • Java, JavaFX, CSS [Github]
Glut Polygon drawing	Simple app for drawing and transforming polygon. • C++, Glut [Github]
Block the Balls	2d game for blocking multi-directional balls with uni-directional sticks. • Unity, C# [Github]
ECHO	An android app designed for transforming among text, speech and sign languages. • Android Studio, Java [Github]

UNDERGRADUATE THESIS

Title	Non-restrictive intervention approach for handling excessive smart-phone usage • Study and design of App Usage Tracker . An android app aiming to mitigate smart-phone overuse. • Falls under the Human Computer Interaction(HCI) category. • Conducted an online survey to learn smartphone usage behaviour among individuals. • Designed a three week experiment for collecting smartphone usage data and validating the effectiveness of non-restrictive intervention method.
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AWARDS AND CERTIFICATES

2019	2nd Runner Up SUST Tech Fest, Hackathon
June 21, 2020	Machine Learning Foundations: A Case Study Approach University of Washington. Certificate
May 31, 2020	Create Your First Chatbot with Rasa and Python Coursera Project Network. Certificate

EXTRA CURRICULAR

- Acoustic guitar and keyboard player and learner.
- Typemaster at play.typeracer.com.
- Overall 300+ problem solved on online judges. [StopStalk profile](#).

HOBBIES AND INTERESTS

- Playing musical instruments and listening to music.
- Playing video games.
- Video game development.