



Partha Sarker

📍 Lamabazar, Sylhet, Bangladesh

☎ +88 01521428057

✉ parthasarker3@gmail.com

🌐 <https://github.com/Partha-Sarker>

📊 https://codeforces.com/profile/partha_sust

EDUCATION

2017 – 2021 **B.Sc (Engg.) in Computer Science and Engineering**

Shahjalal University of Science and Technology, Sylhet

• CGPA: 3.71 (6 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.

AWARDS

- 2019* **2nd Runner Up**
SUST Tech Fest, Hackathon

EXTRA CURRICULAR

- Acoustic guitar and keyboard player and learner. Me playing on [YouTube](#).
- Typemaster at [play.typeracer.com](#).

HOBBIES AND INTERESTS

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