



Partha Sarker

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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#, JavaScript, 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 [\[Github\]](#)

Practice 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

2019	2nd Runner Up SUST Tech Fest, Hackathon
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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.