DIPTO DEY

@ dipdey093@gmail.com   ☎ +8801789627055   📍 Korer Para, Modina Market, Sylhet
in https://www.linkedin.com/in/dipto-dey-755b17196/

EDUCATION

B.Sc (Engg.) in Computer Science and Engineering

Shahjalal University of Science Technology

📅 2017 – 2021   📍 Sylhet, Bangladesh

CGPA: 3.82 (till $6^{th}semester$)

PROJECTS

App Usage Tracker [Github]
- An android app that tracks the usage of all installed apps within a smartphone. One can see daily/weekly usage history of any installed app and can set daily/weekly targets.
- Java, Android Studio, Firebase

Word Segmentation [Github]
- Segment all the lines from a Bengali handwritten document and afterwards segment words from those lines.
- Python, OpenCV

Land Registry System [Github]
- Activities like transformation of ownership can be performed through this system. It uses concept of blockchain, therefore, these informations will remain safe secured.
- HTML, CSS, Node.Js, Express.Js, Hyperledger Fabric, GO

Digital Complain Box [Github]
- Using this android app one can complain about any problem etc directly to respective authorities so that they can take proper steps to resolve the problem and can give updates.
- Java, Android Studio, Firebase

Kenabecha [Github]
- An E-commerce site where one can post ads and contact with other sellers. It has admin dashboard from where everything inside this website can be monitored.
- HTML, CSS, PHP, Laravel, MySQL

P2P Chat App [Github]
- An android app for chatting and sharing text files with others who are connected in a same WiFi network. Just one have to know others Ip and Port addresses they are using to create server. Socket Programming is used for this purpose.
- Java, Android Studio

QuizApp [Github]
- Using this android app one can conduct mcq exam. Students can access classes using class codes and attend exam. Result is calculated automatically, therefore everyone can see their marks and rank.
- Java, Android Studio, Firebase

Flying Stickman [Github]
- A simple 2d game.
- Java, JavaFx, Eclipse

Basic Painter [Github]
- Basic Painter with 4 color brush.
- C++, GLUT/OpenGL, CodeBlocks

TECHNICAL SKILLS

Programming Language
- Structured C/C++, Java, Python, SQL

Server Side Scripting
- PHP, NodeJS (JavaScript)

Framework, Libraries and Tools
- Laravel, Express.js, JQuery, JavaFx, GLUT, Android Studio, Git

UNDERGRADUATE THESIS

Non-restrictive intervention approach for handling excessive smartphone usage
- Focused on how a non-restrictive intervention(Notification) mitigates one's smartphone usage. Thus, falls under the field of HCI.
- Designed and developed an android app named "App Usage Tracker" aimed to mitigate smartphone overuse.
- Conducted an online survey to learn individuals awareness about smartphone use.
- Designed a three week long experiment to collect smartphone usage data using "App Usage Tracker" and validate the efficacy of non-restrictive intervention method.

EXTRACURRICULAR ACTIVITIES

- Rated Blue on Codeforces. Username: D_D_D
- **Experience Level:** Typist 6
  Skill Level: Typemaster at play.typeracer.com.

CERTIFICATES

Introduction to Git and GitHub
Coursera

📅 Issued May 18, 2020 📍 Online

- Certificate

Basic Image Classification with TensorFlow
Coursera

📅 Issued May 28, 2020 📍 Online

- Certificate

HOBBIES AND INTERESTS

- Playing Video Games.
- Cycling.
- Sightseeing