Nipun Paul

Date of Birth : 13th November, 1999
Address : Niketon Bazar, Tejgaon, Dhaka-1212, Bangladesh
Mobile : +8801778546619
Email : nipun4338@gmail.com
Website : https://nipun4338.github.io/
 github | in linkedin

Personal Profile

A **self-motivated former competitive programmer**, **Data Science** and **Machine Learning enthusiastic**. Currently learning **ReactJs** and **Blockchain**. Interested in **real-life problem solving** with immense **perseverance**.

Education

Ahsanullah University of Science and Technology, *Dhaka*   *2018 - 2022*
Bachelor of Science in **Computer Science and Engineering**
• CGPA : **3.367** out of 4.00

Rajuk Uttara Model College, *Dhaka*   *2015 - 2017*
Higher Secondary School Certificate
• GPA : **5.00** out of 5.00 in all subjects from Science division

Anjuman Adarsho Govt. High School, *Netrokona*   *2010 - 2015*
Secondary School Certificate
• GPA : **5.00** out of 5.00 in all subjects from Science division

Skills

Programming Languages	**Python** | **C/C++** | **PHP** | **Java** | **SQL** | **C#** | PlSQL | HTML5 | CSS/SCSS | JavaScript | Assembly | R | Solidity | Matlab.
IDE	Codeblocks | Jetbrains Pycharm | Netbeans | ATOM | VS Code | Android Studio | VisualStudio | Sublime Text | Anaconda | Unity | Remix.
Application Programs	MS Office 2016 | LATEX | Proteus | Adobe Photoshop | Adobe Premiere Pro | Adobe Illustrator | Adobe XD.
Frameworks & Libraries	MVC | ReactJS | ExpressJS | Bootstrap | Node.js | Jupyter | Matplotlib | Numpy | Pandas | Scikit-learn | Selenium | BeautifulSoup | OpenCV | nextjs | threejs.
Database	Mysql | Sqlite | SQL Server Oracle | MongoDB.
Operating Systems	Windows | Linux.
Languages	**Bengali** | **English**

Project Works

1. **Sudoku** (Game) : (**Platform:** Windows, **Language:** C, C++, **Software:** Visual Studio 2013)

2. **Favourlog** (Desktop App) : (**Platform:** Windows, **Language:** Java, **Software:** Netbeans, Scene Builder, XAMPP)

3. **Neer** (Mobile App) : (**Platform:** Android, **Language:** Java, Firebase, **Software:** Android Studio)

4. **CarHub** (Website) : (**Platform:** Website, **Language:** PHP, MySQL, JavaScript, JQuery, **Software:** Atom, XAMPP, MS SQL Server)

5. **Carhub Shop Management** (Shop Management System) : (**Platform:** Windows, **Language:** Java, MySQL, **Software:** Netbeans, MS SQL Server)

6. **Boi** (Website) : (**Platform:** Website, **Language:** PHP, MySQL, JavaScript, JQuery, **Software:** Atom, XAMPP, MS SQL Server, Git)

7. **Basic Image Processing App using Tkinter, Skimage and PIL** (Desktop App) : (**Platform:** Windows, **Language:** Python, **Software:** Atom, Google Colab)

8. **Screenshot Face Blur Chrome Extension using Flask, Skimage and Matplotlib** (Chrome Extension) : (**Platform:** Chrome, **Language:** Python, JavaScript, **Software:** Atom, Google Chrome)

9. **Image Encrypt Decrypt using Tkinter, Numpy and Matplotlib** (Desktop App) : (**Platform:** Windows, **Language:** Python, **Software:** Atom, Google Colab)

10. **My Notebook using Tkinter, OpenCV, PIL and FPDF** (Desktop App) : (**Platform:** Windows, **Language:** Python, MySQL, **Software:** Atom, XAMPP, Google Colab)

11. **IUMS Result Notifier using Selenium and Smtplib** (Colab Script) : (**Platform:** Google Colab, **Language:** Python, **Software:** Google Colab)

12. **MotherCare - an ecommerce shop for mothers** (Website) : (**Platform:** Website, ASP.Net MVC, **Language:** C#, Javascript, Ajax, **Software:** Visual Studio 2019, SQL server management studio 2014)

13. **ZEN - Smart Home with Voice Assistance** (Implementation) : (**Platform:** Proteus, Arduino, **Language:** C++, **Software:** Proteus 8 Professional, Arduino IDE)

14. **Beyond Earth** (Website) : (**Platform:** Website, ReactJS, Node.JS, ExpressJS, **Language:** Javascript, **Software:** VS Code)

15. **Bangladesh Cricket Match Analysis before and after covid-19 Period** (ML) : (**Platform:** Google Colab, **Language:** Python, **Software:** Google Colab)

16. **Computer Graphics Project** (Website) : (**Platform:** Website, **Language:** Javascript, Threejs, **Software:** VS Code)

B.Sc. in Thesis

Decentralised Applications Using Ethereum Blockchain   *Ongoing*

Research

Research Paper on Neural Machine Translations   *Ongoing*
Accepted at 4th STI 4.0 as Poster Paper (2022)

Co-Curricular Activities

AUST Innovation and Design Club   *February 2021 - May 2022*
Sub-Executive Committee Member, Department of Programming and Robotic Process Automation

AUST ACM ICPC Lab-01 (Senior Category)   *November 2020 - January 2021*

AUST ACM ICPC Lab-02 (Junior Category)   *January 2019 - November 2020*

Achievements

1. Participated at **CodeWare19** in 2019 (Team Position - **int_const_2_1 - 8th**).
2. Participated at **ICPC 2019 Preliminary** (Team Position - **AUST_Sacred Coders - 371th**).
3. Participated at **ICPC 2018 Preliminary** (Team Position - **AUST_Dualers - 754th**).
4. Participated at **IUB Makers Mania** in 2018 (Team Position - **24th**).
5. Participated at **CodeWare18** in 2018 (Team Position - **nps_246 - 49th**).
6. Selected at **National Division** in **"Vasha Protijog"** in 2010 (Position - **13th**).
7. Solved more than **1000** problems in different online judge - Stopstalk Link.

HOBBIES AND INTERESTS

Programming, Traveling, Reading. I have a watchlist on IMDB of completed movies and booklist on Goodreads.

1. IMDB Watchlist
2. GoodReads Booklist

REFERENCES

MR. MD. KHAIRUL HASAN
ASSOCIATE PROFESSOR

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

AHSANULLAH UNIVERSIY OF SCIENCE TECHNOLOGY

EMAIL: KHAIRUL271276@AUST.EDU

MR. MD. TANVIR ROUF SHAWON
LECTURER

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

AHSANULLAH UNIVERSIY OF SCIENCE TECHNOLOGY

EMAIL: SHAWONTANVIR.CSE@AUST.EDU