

NIPUN PAUL

DATE OF BIRTH : 13TH NOVEMBER, 1999
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 github |  linkedin



PERSONAL PROFILE

A **self-motivated former competitive programmer**, 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 : **3.381** out of 4.00 (Last 5 semester average **3.656**)

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

Languages C/C++ | PHP | Python | Java | SQL | Solidity | C# | PISQL | HTML5 | CSS/SCSS | Java Script | Assembly | R | Matlab.

IDE CODEBLOCKS | JETBRAINS PYCHARM | NETBEANS | ATOM | VS CODE | ANDROID STUDIO | VISUAL-STUDIO | SUBLIME TEXT | ANACONDA | UNITY | REMIX.

Frameworks & Libraries MVC | REACTJS | EXPRESSJS | BOOTSTRAP | NODE.JS | JUPYTER | MATPLOTLIB | NUMPY | PANDAS | SCIKIT-LEARN | SELENIUM | BEAUTIFULSOUP | OPENCV | NEXTJS | THREEJS.

Database MYSQL | SQLITE | SQL SERVER

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

Worked on **"Decentralized Election System"** - a Blockchain-based decentralized election system in the context of Bangladesh on Ethereum under the supervision of **Mr. Md. Khairul Hasan**, *Associate Professor*, Department of Computer Science & Engineering, AUST. *2021 - 2022*

RESEARCH

A research paper on **Neural Machine Translations** is ongoing under the supervision of **Mr. Md. Tanvir Rouf Shawon**, *Lecturer*, Department of Computer Science & Engineering, AUST.

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. 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

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MR. MD. TANVIR ROUF SHAWON

LECTURER

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