

# NIPUN PAUL

DATE OF BIRTH : 13TH NOVEMBER, 1999

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 github |  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

Languages	Python   C/C++   PHP   Java   SQL   Solidity   C#   PISQL   HTML5   CSS/SCSS   Java Script   Assembly   R   Solidity   Matlab.
IDE	CODEBLOCKS   JETBRAINS PYCHARM   NETBEANS   ATOM   VS CODE   ANDROID STUDIO   VISUAL-STUDIO   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   NODEJS   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

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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

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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

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### 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

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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

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

1. [IMDB Watchlist](#)
2. [GoodReads Booklist](#)

## REFERENCES

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**MR. MD. KHAIRUL HASAN**

**ASSOCIATE PROFESSOR**

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

AHSANULLAH UNIVERSITY OF SCIENCE TECHNOLOGY

EMAIL: KHAIRUL271276@AUST.EDU

**MR. MD. TANVIR ROUF SHAWON**

**LECTURER**

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

AHSANULLAH UNIVERSITY OF SCIENCE TECHNOLOGY

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