

HASIN RAIHAN SHOYON

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EDUCATION

University of Dhaka

Master in Information Technology

CGPA- Pending

Jan. 2020 - Nov. 2021

Shahjalal University of Science and Technology

BSc in Electrical and Electronic Engineering 2019

CGPA- 3.28

Apr. 2015 - Aug. 2019

SKILLS

- C, Java, Python, Matlab
- Linux, Git
- HTML, CSS, JavaScript, PHP, MySQL
- Robotics

PROBLEM SOLVING

- LightOJ (Profile: lightoj.com/user/raihanshoyon)
- LeetCode (Profile: leetcode.com/rorschach8025)
- HackerRank (Profile: www.hackerrank.com/raihanshoyon95)
- Codeforces (Profile: codeforces.com/profile/rorschach8025)

RESEARCH EXPERIENCE

- Skin Segmentation for Hand Gesture Recognition Using Image Processing

PERSONAL INTERESTS

System programming, Machine learning, Software Engineering

PROJECTS

Chess Engine

A chess engine developed in Java. The chess engine is associated with an interactive GUI built in Java Swing so user can play chess against the engine.

Project Link: <https://github.com/r8025n/chess-engine>

Nand to Tetris (Projects from online course Nand to Tetris):

- A basic level of CPU starting from the elementary logic gates, counter, ram, ALU etc using course specific HDL.
- A two tier compiler for a programming language named JACK, which can compile JACK language to assembly language.

Project Link: <https://github.com/r8025n/nand2tetris>

Profile Database

A website where any registered user will be able to store, update, delete and view their detailed profile in a simple format. Built using PHP, HTML, JavaScript, JSON, JQuery and MySQL.

Project Link: <https://github.com/r8025n/WA4E/tree/master/profile-database>

Dual Examiner Mark Submission

A website for a mark submission system where both of the examiners will be able to submit mark and authenticated students will be able to see their marks. Built using PHP, HTML, JavaScript, MySQL.

Project Link: <https://github.com/r8025n/dualExaminerMarkSubmission-php-login-authentication>