HAFIJUL HOQUE CHOWDHURY

Bangladesh University of Engineering & Technology

nabid.hasan987@gmail.com   Dhaka, Bangladesh   LinkedIn   Nabidbhai12

EDUCATION

B.Sc in Computer Science & Engineering - CGPA 3.81/4.00
Bangladesh University of Engineering & Technology

February 2020 – Present

Higher School Certi care - GPA 5.00/5.00
Notre Dame College, Dhaka

2017 - 2019

PROJECTS

UrbaNest - Your guide to your dream home
React,express,MongoDb
- A basic real-estate buy, sell, rent website, complete with in-depth search, google maps, blogging and review system.

Rotten Tomatoes
EJS,express,Oracle
- Inspired by IMDB,a website about movies,where users can nd details about their favourite movie,rate them,discuss about them,buy some merchandise

Catch-the-egg
C, iGraphics
- A recreation of the classic Catch-the-egg game. Created using iGraphics and C language.

Football Manager
JavaFx
- Done as part of the OOP course. A football manager app where managers can buy or sell players. Developed using Java Socket Programming and JavaFX for the frontend.

LCC - Little C Compiler
FLEX,BISON,C,YACC
- Part of the Compiler course, this project involved creating a compiler that can compile a subset of the C language.

Ray Tracing
C++
- Developed a ray tracing pipeline for capturing image in C++

xv6 Memory management and Threading
C
- Implemented memory management and threading systems for the xv6 operating system.

EXPERIENCE

Working with Concordia University
An LLM-Powered Security and Privacy Assistant for IoT

November 2023 – Present

- Developing an LLM-powered tool that bridges the information gap between consumers and crucial security details when purchasing IoT devices.

- Expanded my expertise in advanced NLP techniques like LLMs, Transformers for analyzing and representing complex information

SKILLS

- Programming Language
  - C, C++, Java, Python, Shell, 8086 Assembly, MIPS Assembly,Javascript

- Database
  - Oracle DB, PostgreSQL, MongoDB

- Frameworks
  - React, Express.js, JavaFX, OpenGL, iGraphics,Springboot

- Technologies
  - Git,Docker

RELEVANT COURSEWORK

- Discrete Mathematics, Data Structures and Algorithms, Object-Oriented Programming
- Software Engineering, Information System Design, Database Systems
- Machine Learning, Arti cial Intelligence
- Computer Security, Operating Systems, Computer Networks, Numerical Methods, Computer Graphics