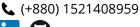
Khandaker Abrar Nadib

Undergraduate Senior(Final semester)

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EDUCATION

Bangladesh University of Engineering and Technology (BUET)

— B.Sc. in Computer Science and Engineering

— CGPA: 3.44

Feb 2017 - Present

PROJECTS

Online Art Gallery

• Frontend built in **React.js** and Backend using **Node.js** and **Express.js**

• Designed and implemented data models in **MongoDB** using **Mongoose** (ODM) to model various roles, products and objects

Backend of an E-commerce Platform

· Built using PHP

· Designed and implemented data models in PostgreSQL

Live Cricket Scoreboard

· Built using JavaFX and Scenebuilder

· Basic files used to store data

Compiler for a subset of C language

• A subset of C language compiled to 8086 machine code

• Built using Flex and Bison

Rendering a scene using Ray Tracing

· An interactive environment designed in C using OpenGL

· Lighting implemented using the Phong model

AES(Advanced Encryption Standard)

A symmetric block cipher chosen by the U.S. government which is frequently used in software and hardware throughout the world to encrypt sensitive data.

• Encryption and Decryption algorithm for 128-bits key size implemented using **Python**.

TECHNICAL SKILLS

Programming Languages:

C, C++	****
Java	****
JavaScript	****
Python	***

Frameworks/Libraries:

React.js	****
Node.js	****
Markup:	
HTML	****
LATEX	****

Scripting:

Database:

MongoDB

Oracle DB	****
PostgreSQL	****

Operating System:

Windows	****
Linux	****
Tools:	

Bootstrap ★★★☆☆

LANGUAGES:

Git

Bangla-	Native
English-	Proficient

Research Projects:

Fake News Detection on Facebook (Ongoing)

- Detecting fake news using interactions on Facebook.
- $\boldsymbol{\cdot}$ Employing Deep Learning methodologies using Python and TensorFlow to classify public Facebook posts.

To see more of my works, please visit my <u>GitHub</u> account.