

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:

Bash	★★★★☆
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Database:

MongoDB	★★★★☆
Oracle DB	★★★★☆
PostgreSQL	★★★★☆

Operating System:

Windows	★★★★☆
Linux	★★★★☆

Tools:

Git	★★★★☆
Bootstrap	★★★★☆

LANGUAGES:

Bangla-	Native
English-	Proficient

Research Projects:

Fake News Detection on Facebook (Ongoing)

- Detecting fake news using interactions on Facebook.
- Employing **Deep Learning** methodologies using **Python** and **TensorFlow** to classify public Facebook posts.

To see more of my works, please visit my [GitHub](#) account.