Khandaker Abrar Nadib

Undergraduate Senior

⌂ Basabo, Dhaka, Bangladesh
✉ abrar.nadib@gmail.com
📞 (+880) 1521408959
in ○

EDUCATION

Bangladesh University of Engineering and Technology (BUET)

— *B.Sc. in Computer Science and Engineering*

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	★★★★☆

Database:

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

Operating System:

Windows	★★★★☆
Linux	★★★★☆

Tools:

Git	★★★★☆
Bootstrap	★★★☆☆

LANGUAGES:

Bangla-	Native
English-	Proficient

To see more of my works, please visit my GitHub account.