

# Minhazur Rahman

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## Education

**Bangladesh University of Engineering and Technology (BUET)**

LEVEL -4 , TERM -1

Dhaka

February, 2017 – Present

## Skills

### Languages

JAVA  
C  
C++  
PYTHON  
JAVASCRIPT  
RUBY  
HTML  
CSS  
LATEX

### Frameworks

JAVA SPRING BOOT  
RUBY ON RAILS  
ANGULAR

## Projects

### RoadRash 2D

ROADRASH 2D IS A SIMPLE BIKE RACING GAME INSPIRED BY THE CLASSIC EA ROADRASH. THE BACKEND WAS WRITTEN IN C AND THE UI WAS BUILT BY A CUSTOM C GRAPHICS LIBRARY NAMED IGRAPHICS. IN THIS GAME YOU'LL PLAY AS A BIKER WITH LIMITED BIKE HEALTH AND YOU WILL HAVE TO COMPETE AGAINST OTHER 9 BIKERS. YOU HAVE TO GO THROUGH A BUSY ROAD WITH A LOT OF TRAFFICS. AVOID COLLISIONS AND SECURE THE FIRST PLACE!

C++, IGraphics

<https://github.com/minhaz725/RoadRash2D>

### Cryptography AES

ADVANCED ENCRYPTION STANDARD (AES) IS A POPULAR AND WIDELY ADOPTED SYMMETRIC KEY ENCRYPTION ALGORITHM. IT IS COMMONLY USED IN A LOT OF WAYS, INCLUDING WIRELESS SECURITY, PROCESSOR SECURITY, FILE ENCRYPTION, AND SSL/TLS. IN FACT, YOUR WEB BROWSER PROBABLY USED AES TO ENCRYPT YOUR CONNECTION WITH THIS WEBSITE. THIS PYTHON WRITTEN AES ALGO USES REPEAT CYCLES OR "ROUNDS". THERE ARE 10, 12, OR 14 ROUNDS FOR KEYS OF 128, 192, AND 256 BITS, RESPECTIVELY. IMPLEMENTATION DETAILS CAN BE FOUND IN THE PRESENTATION SLIDE SHARED IN THE REPO.

Python

<https://github.com/minhaz725/Cryptography-AES>

### Recipe Hunter

RECIPE PUPPY WEBSITE IS AN INGREDIENT BASED RECIPE SEARCH ENGINE WHICH USES A REST API THAT RETURNS RECIPES IN JSON FORMAT. IT FETCHES THE RECIPE INFORMATION BASED ON A SEARCH TERM ENTERED IN THE ADDRESS BAR & DISPLAY THE INFORMATION IN AN HTML TABLE - SPECIFICALLY, THE RECIPE PHOTO, THE RECIPE TITLE (BOTH OF WHICH WOULD BE LINKS THAT CAN TAKE YOU TO THE ACTUAL RECIPE) AND THE INGREDIENTS REQUIRED FOR THE RECIPE.

Ruby , Rails , Html , Css

[https://github.com/minhaz725/Rails\\_Project\\_recipe\\_puppy](https://github.com/minhaz725/Rails_Project_recipe_puppy)

### Pseudo Torrent

PSUEDO TORRENT IS A PROJECT IS A TORRENT LIKE (P2P SIMULATION) FILESHARING PROJECT. IT'S WRITTEN IN JAVA AND GUI IS BUILT WITH JAVAFX. IT'S A PSUEDO PEER TO PEER FILE SHARING SYSTEM THAT CONTAINS SEVERAL "CLIENTS" WHICH ACT AS PEERS , AND ONE SERVER WHICH ONLY LISTS AVAILABLE FILES TO CLIENTS. IF THERE ARE MORE CLIENTS SHARING A SINGLE FILE (SEED) , A CLIENT WHO'S TRYING TO DOWNLOAD (LEECH) WILL GET BETTER DOWNLOAD SPEED. IF THERE IS NO SEEDER AT ALL, THE CLIENT WON'T BE ABLE TO DOWNLOAD.

Java, JavaFx

<https://github.com/minhaz725/Pseudo-Torrent>

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