

# Md. Ziaur Rahman

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## EDUCATION

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### Chittagong University of Engineering & Technology

2016 – 2021

*B.Sc. in Computer Science and Engineering*

### Dhaka College

2014 – 2016

*Higher Secondary Certificate*

### Motijheel Government Boys' High School, Dhaka

2004 – 2014

*Secondary School Certificate*

## PROJECTS

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### Flappy Bird [↗](#)

The player is tasked with navigating Faby through pairs of pipes that have equally sized gaps placed at random heights. The most difficult element was getting the pipes in the right place. Some mathematical work was needed.

**Python, PyGame**

### Weather App [↗](#)

The weather app gives information about a certain city based on the user's input. For a better user interface, we used Tkinter. To access the data, we used the Open Weather API. We got a decent understanding of how API works by building this project. **Python, Tkinter, Weather API**

### Space Invaders [↗](#)

This classic game was built using python library PyGame. Space Invaders is a fixed shooter in which the player moves a laser cannon horizontally across the bottom of the screen and fires at aliens overhead. The goal is to eliminate all of the aliens by shooting them. While the player has one live, the game ends immediately if the invaders reach the bottom of the screen. **Python, Pygame**

## THESIS

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### A Mobile Application for Real-time Bangladeshi Currency Detection to Aid Visually Impaired.

This program will assist blind persons in recognizing money. They simply need to place their phone's camera in front of the banknote and the app will give a audio output of that particular note. We used MobileNet CNN pre-trained model since it is more suitable for mobile. **TensorFlow, Convolutional, Neural Network MobileNetV2**

## SKILLS

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### Languages

Python

C

Java

### Web Front End

HTML

CSS

Bootstrap

### Web Backend

Familiar with Django

Worked with MySQL

### Technical Writing Skill

Latex

Microsoft Excel

## ACHIEVEMENTS

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- Completed the course **Python for Everybody** from Coursera
- Course named **Responsive Web Design Essentials - HTML5 CSS3 Bootstrap** is completed which is offered by Udemy