

# Shakirul Hasan Khan

## Software Engineering Undergrad

An amateur FOSS developer who loves to learn new technologies and create open-source tools, websites, and games.

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## EDUCATION

### B.Sc. (Engg.) in Software Engineering Shahjalal University of Science and Technology

02/2018 - Present

Sylhet, Bangladesh

## PROJECTS AND THESIS

### Bengali Paraphrase Identification - Thesis (10/2020 - Present)

- An NLP system to identify if two Bengali sentences are paraphrase or not

### File Sharing System (06/2021)

- A client-server system to share files through socket
- Built using Python and Qt

### SWE Society Website (01/2021 - 02/2021)

- A website to manage a non-profit organization
- Built using ReactJS, ChakraUI, ExpressJS, PostgreSQL
- <https://github.com/sust-swe/SWE-Society>

### Covid-19 Interactive Dashboard for Bangladesh (04/2020 - 05/2020)

- A web dashboard with a map to view the current pandemic situation of Bangladesh
- Built using ReactJS, Bootstrap
- <https://github.com/KhanShaheb34/Co-ronaBD.info>

### Angry Pigs (05/2019 - 07/2019)

- A fantasy platformer game developed in Java using LibGDX
- <https://github.com/KhanShaheb34/AngryPigs>

### Vromon (03/2019 - 04/2019)

- Local hotel, restaurant, landmarks and tour guide finder web application developed in Python Django Framework
- This was developed for Hackathon in BUP Techsurgence 2019 and this project made us the First Runner Up
- <https://github.com/rafiulgits/vromon>

### Tao's Adventure (11/2018 - 01/2019)

- A platformer game built from scratch using C++ and SFML
- <https://github.com/shaswata56/Taos-Adventure>

### Dodge The Box (11/2018 - 11/2018)

- A simple and easy 3D ball rolling game developed in Unity3D
- <https://github.com/KhanShaheb34/Small-Unity-Games>

### Snake Mania (09/2018 - 11/2018)

- The first project in undergrad, a simple snake game using C++ and SFML
- <https://github.com/KhanShaheb34/Snake-Mania>

## SKILLS

C++

Javascript

Python

Git

GitHub

ReactJS

ExpressJS

PostgreSQL

MongoDB

Responsive Web Design

Data Analysis

Tensorflow

## ACHIEVEMENTS

### First Runner Up at BUP Hackathon 2019 (03/2019)

*This is the first time I have won something at a national level. It was an 8 hours long Hackathon. And we build a system on the topic of tourism.*

### Codeforces Specialist (Max rating: 1542)

<https://codeforces.com/profile/KhanShaheb>

### Honorable Mention at SUST LICT TECH FEST 2019 (04/2019)

## ORGANIZATIONS

### SUST ACM Student Chapter (02/2020 - Present)

*Publications Secretary*

### SWE Society, SUST (11/2019 - Present)

*Publications Secretary*

## CERTIFICATES

### Deep Learning Specialization (06/2020)

*I always wondered how a deep learning system works. And learned a lot in this specialization from Coursera by Andrew NG.*

### DeepLearning.AI TensorFlow Developer (07/2020)

*TensorFlow makes it easy to create and train Deep Learning models.*

## LANGUAGES

Bengali

*Native or Bilingual Proficiency*

English

*Professional Working Proficiency*

## INTERESTS

Competitive Programming

Deep Learning

Computer Vision

NLP

Automation