

Piash Paul

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Welcome to RenderCV!

Software Engineer I completed my bachelors from BRAC University and since then have been working as a software engineer at BJIT. My specialty is machine learning and artificial intelligence using deep neural networks. I'm also interested in Java and iOS. I'm a computer nerd and love to watch videos about computers and tinker with them in my free time. My hobbies include reading story books, playing games and working on computer hardware.

Education

BRAC University, BSc in Computer Science and Engineering Jan 2017 - Oct 2021

- GPA: 3.55/4.0

Experience

Software Engineer, BJIT Nov, 2021 - Present

- Face detection and face recognition.
- NLP for transcribing and translation.
- Voice command processing and interaction.

Freelance Programmer June 2019 – Aug 2021

- Developed and tested several custom machine learning models
- JavaFX based desktop app
- Several custom projects using various technologies per client requirement

Projects

LSTM Based Content Prediction for Edge Caching Using Federated Learning Approach.

- Key points: LSTM, Federated Learning, RNN

Credit Card fraud detection using deep neural networks

- Key points: LSTM, CNN, ANN

Credit card fraudulence detection using Salient Feature Extraction Technique with Adaptive Synthetic Oversampling Model

- Key points: Random Forest, Support Vector Machine, Naive Bayes, Logistics Regression, K-Nearest Neighbour

Fingerprint based locker system

- Key points: Arduino, Fingerprint scanner, gsm

Face recognition door lock

- Key points: OpenCV, Arduino, GSM

Skills Summary

Languages: C++, C, Java, Python, Kotlin

Technologies: Tensorflow, PyTorch, Flask, Spring Boot