



KHANDOKER HUMAYOUN KOBIR

STUDENT

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R E S U M E

PROFILE

My name is Khandoker Humayoun Kobir, I am a final-year Computer Science Engineering student at Southeast University, proficient in C programming, data structures, algorithms, databases (SQL), data mining, machine learning, artificial intelligence, mathematics, statistics, and Google Colab. Currently, I am engaged in research focusing on Breast Cancer Detection using machine learning techniques. As a Computer Science enthusiast, I bring a comprehensive understanding of various domains within the field and an ongoing commitment to impactful research.

EDUCATION

● B.Sc. IN COMPUTER SCIENCE ENGINEERING

FEBRUARY 2020 - PRESENT

SOUTHEAST UNIVERSITY, Tejgaon, Dhaka-1208, Bangladesh

RESULT: 3.69/4.00

● HIGHER SECONDARY CERTIFICATE(HSC)

JUNE 2016 - OCT 2019

GURJIPARA COLLEGE, B: Dinajpur. District: Rangpur, Upazila: Pirganj

RESULT: 3.42/5.00

● SECONDARY SCHOOL CERTIFICATE(SSC)

JUNE 2008 - DEC 2014

BAZITPUR AMINA HIGH SCHOOL, Dinajpur, Rangpur, Pirganj

RESULT: 4.89/5.00

WORK EXPERIENCE

● EVENT COORDINATOR

SOUTHEAST SOCIAL SERVICES CLUB / 2023 - Present

SOUTHEAST UNIVERSITY, Tejgaon, Dhaka-1208, Bangladesh

● PRIVATE TEACHER

ICT(HSC)/ JULY 2020 -NOV 2021

During COVID-19 I taught ICT to HSC students at my home.

SHANERHAT, PIRGONJ, RANGPUR

R E S U M E

PROJECT AND SKILLS

● GLUCOSE LEVEL PREDICTION WITH WEB APPLICATION

A short web application designed by HTML, mainly focuses on prediction of glucose level by age, happens through linear regression algorithm.

● HOUSE RENT MANAGEMENT SYSTEM WITH JAVA FXML

A full information system made by Java Fxml and scene builder. It's connected with database. Also store and show data

● BIOMATRIC SMART HOUSE SYSTEM - ARDUINO UNO PROJECT

A great mixture project with the combination of hardware's and software which detects people's arrival also room's light on/off.

● MACHINE LEARNING & AI (PYTHON, COLAB, JUPYTER NOTEBOOK)

All Machine learning algorithms, implementation, simulation, data preprocessing, training, testing, and I made extra documentation about ANN, RNN, GRU, LSTM.

● PROGRAMMING (DATA_STRUCTURES, ALGORITHM, C, C++)

Problem solving of many algorithms through C++, Java in courses as well as Hacker Rank, UVA, etc. platforms.

● DATABASE(MySQL)

A full project of SQL language on all possible queries based on one Database.

● PORTFOLIO (HTML AND CSS)

My own website made by HTML and CSS which tells about myself. ([Visit](#))

RESEARCHS

● BREAST CANCER USING MACHINE LEARNING

ACADEMIC RESEARCH/ JUNE 2022-PRESENT

SOUTHEAST UNIVERSITY, Tejgaon, Dhaka-1208, Bangladesh

During my tenure at Southeast University under the guidance of Assistant Professor Md. Mijanur Rahman, I conducted impactful research in breast cancer utilizing machine learning techniques. My work focused on developing novel algorithms to enhance early detection and prognosis, contributing to the advancement of cancer diagnosis and treatment methodologies.

REFERENCE

● MD. MIJANUR RAHMAN

Director - Center for AI & Robotics

Asst. Professor - SOUTHEAST UNIVERSITY

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Email: mijanur.rahman@seu.edu.bd

● MD. ALAMGIR MIA

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Website: <https://humayoun137.github.io/portfolio/>