TANJILA KABIR

COMPUTER ENGINEER

CONTACT

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📍 Bronx, NY

SKILLS

- Front-end Development
- Problem-Solving
- Troubleshooting
- Software Development
- Cloud Management
- Arduino
- Raspberry PI
- JAVA
- CSS/HTML
- C++
- Skilled in Flutter
- MySQL/MariaDB

AWARDS

- Deans List / Epsilon Sigma Pi
- Presidential Scholarship
- Switzer Foundation Scholarship

RELEVANT COURSES

- Object Oriented Programming
- Software Engineering I/II
- Computer Systems and Organization
- Embedded Systems

PROJECTS

WATER QUALITY MONITORING SYSTEM
Fall 2021/Spring 2022

- Collaborated with team members to meet deadlines consistently and work in a professional manner
- Implemented, designed, and debugged web application through Flutter and increased efficiency and speed of data transfer by 20%
- Generated back end of application through PHP and MySQL/MariaDB and dealt with large number of datasets of water quality information
- Partnered with Civil Engineer professors to ensure a safe environment for testing water quality in a public faucet

HEART RATE SENSOR
Fall 2020

- Tested a C code on a Cypress BLE to produce heart rate data
- Debugged and diagnosed errors found in PSoC Creator 4.4 and applied many solutions
- Learned about the basis of BLE communication through devices using UARTs and GATT Server and Client
- Connected the serial port of the BLE to a terminal application to observe the transferred data

EXPERIENCE

ARCHIVES STUDENT ASSISTANT

Manhattan College

2018-Present

- Organized and archived materials into the official database 'ArchiveSpace' and increased number of uploaded files by 10%
- Stored at least 100 documents, reports, and photographs into containers to protect confidential files
- Strengthened oral communication skills through constant feedback in order to improve work ability

EDUCATION

May 2022

MANHATTAN COLLEGE

Bachelor of Science, Major in Computer Engineering, GPA: 3.84