Syed Niaz Mohtasim

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📍 Dhaka, Bangladesh   📅 05-12-1999

👤 Male   in LinkedIn   ⚙ Github

R^G Research Gate   ⬙ LeetCode

➤ Personal Website

EDUCATION

BS.c in Computer Science and Engineering (Major) and Economics (Minor),
Independent University, Bangladesh
Credits completed - 131
CGPA - 3.71 (Cum Laude)

IAL (A'Levels) - 2019,
Maple Leaf International School
4As, including 2A*s

IGCSE (O'Levels) - 2017,
Maple Leaf International School
8As, including 5A*s

LANGUAGES

English | Bengali | Hindi

AWARDS

Honour List (2020-2022),
Independent University, Bangladesh
Earned honour list distinction for outstanding academic achievements over the past 3 years.

Merit Scholarship,
Independent University, Bangladesh
Awarded and maintaining full academic scholarship (100%) based on outstanding results.

Winner (DBMS)
Awarded winner at TechFest IUB Project Showcase for outstanding Database Management System (DBMS) project in December 2022.

Edexcel and Daily Star High Achievers' awards (2020)
For achieving World Highest Marks in IAL Accounting (600/600).

Edexcel and Daily Star High Achievers Awards (2018) and (2020)
Received for my IGCSE (2018) and IAL (2020) results

PROFILE

Passionate about web development, machine learning, mobile health, and human-computer interaction (HCI). Constantly gaining hands-on experience in web application development and exploring machine learning algorithms. Conducting research in mHealth and HCI to enhance user experiences. Eager to contribute technical expertise and problem-solving abilities to drive impactful projects.

SKILLS

- Problem-Solving . Content Writing . Research and Analysis . Adaptability . Fast Learner . Communication . Teamwork
- Microsoft Word, PowerPoint, Excel . Google Docs, Sheets and Slides
- Tech Stack - C++ . C . Java . Python . SQL . HTML . CSS (Bootstrap, Tailwind) . PHP . MySQL . JavaScript

PROFESSIONAL EXPERIENCE

Research Assistant, EMPATHY Lab, Center for Computational & Data Sciences, IUB
01-2024 – present
-Authored comprehensive research papers, reports, and academic publications in the domains of Human-Computer Interaction (HCI) and mHealth/Digital Health.
-Collaborated with cross-functional teams on research initiatives and projects.
-Performed literature reviews to identify gaps and opportunities in existing research.

Junior Sports Content Writer, Zion Media
01-2023 – 03-2023
-Crafted engaging and informative sports articles for a high-traffic website (sportszion.com), delivering in-depth analysis and captivating narratives.
-Implemented strategic SEO practices, optimizing content with relevant keywords, meta descriptions, and title tags to enhance organic search visibility.
-Link to my articles 🔗

Content Writer, JUKTI, Club of CSE, IUB
07-2021 – 01-2024
-Spearheaded all content creation initiatives for the club's online presence, social media channels(Facebook and LinkedIn), and email marketing campaigns.
-Collaborated with club executives to align content strategy with overarching goals and objectives.

Teacher's Assistant (Physics), The Study Town
02-2019 – 03-2020
-Developed practice problems and exercises.
-Invigilated examinations and maintained fair testing environments.
-Evaluated answer scripts meticulously.

PROJECTS

IUB360, a student entrepreneurship program
12-2023
-Created using HTML, CSS (Tailwind and Flowbite), PHP and, MySQL
-Engineered a comprehensive web application to facilitate the complete startup development cycle, guiding participants from concept ideation to market entry.

etchSketch
12-2023
-Developed a web-based version of the classic Etch a Sketch game, replicating its functionality through HTML, CSS, and JavaScript (DOM Manipulation).
-Implemented dynamic grid creation and interactive drawing capabilities, allowing users to sketch and doodle within the browser.

Research Paper (IoT based Crop Monitoring and Disease Detection)
10-2023
-Authored in IEEE formatting for Microprocessor course (CSE216), published in STI 2023
-Engineered an IoT-based system to monitor crops, detect diseases, enhance yield, minimize losses, and optimize resource utilization in agriculture.
-Utilised ESP32-CAM, Arduino and OpenCV Library for the project.

DESCO
05-2023
-using JavaFX, as part of Object Oriented Programming (OOP) course project.
-Application simulates 8 operations each for 8 types of users of Dhaka Electric Supply Company Limited.