

# Syed Niaz Mohtasim



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📍 Dhaka, Bangladesh 📅 05-12-1999

♂ Male [in](#) [LinkedIn](#) [Github](#)

🔍 [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.

### **Edexcel and Daily Star High Achievers' awards**

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

### **Winner (DBMS), TechFest IUB**

12-2022

Awarded winner at TechFest IUB Project Showcase for outstanding Database Management System project.

## 👤 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,**

Created using HTML, CSS (Tailwind and Flowbite), PHP and, MySQL  
12-2023

- 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),** Authored in IEEE formatting for Microprocessor course (CSE216), published in STI 2023

10-2023

- 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,** using Java and JavaFX, as part of (OOP) course project.

05-2023

- Application that simulates 8 operations each for 8 types of users of Dhaka Electric Supply Company Limited.