Symom Hossain Shohan

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in Symom Hossain Shohan | ⓞ Symom-Hossain-Shohan | ♠ Symom Hossain Shohan

EDUCATION

- **Chittagong University of Engineering and Technology (CUET)** — *Feb 2020 - Present*, Chittagong, Bangladesh
  B.Sc. in Computer Science and Engineering
  ◦ **CGPA: 3.95 / 4.00** (Till 7th Semester)

- **Notre Dame College** — *Jun 2017 - Jun 2019*, Dhaka, Bangladesh
  Higher Secondary School Certificate
  ◦ **GPA: 5.00 / 5.00**

PROGRAMMING / TECHNICAL SKILLS

- **Proficient:**   C, C++, Python, HTML, CSS

- **Moderate:**   JavaScript, SQL, Django, Flutter

- **ML Frameworks:**   Keras, TensorFlow, PyTorch

PROJECTS

- **WindWhisper: An App for Bird Species Classification** — *Oct 2023 - Dec 2023*
  ◦ Developed a bird species classifier integrating advanced machine learning into a user-friendly app [ⓞ]
  ◦ Utilized Flutter and a fine-tuned CNN model for species identification
  ◦ Managed data preparation and preprocessing for accurate results

- **CheckSPAM: An Email Spam Detection WebApp** — *Oct 2023 - Dec 2023*
  ◦ Developed a desktop app for email spam classification using advanced machine learning algorithms [ⓞ]
  ◦ Utilized the Multinomial Naive Bayes model for superior spam detection accuracy
  ◦ Conducted thorough data preprocessing, including text cleaning and feature extraction

- **DoctorSpot: A Doctor Suggesting and Disease Predicting Website** — *Jan 2023 - Mar 2023*
  [ⓞ]
  ◦ Developed a website using HTML, CSS, Bootstrap, JavaScript, MySQL, and PHP
  ◦ Introduced a smart chatbot integrating OpenAI API for predicting diseases from the symptoms of users
  ◦ Developed a convenient platform with features like doctor reviews, filtering, and appointment scheduling
  ◦ Implemented a user dashboard for managing appointments

- **Medulance: An Emergency Ambulance Service Providing App** — *Oct 2023 - Dec 2023*
  ◦ Created a user-friendly mobile app using Flutter for quick access to emergency ambulance services [ⓞ]
  ◦ Implemented real-time ambulance location tracking using Google APIs
  ◦ Added SOS functionality for instant location sharing during emergencies
  ◦ Integrated Firebase for secure login and user authentication

COMPETITIVE PROGRAMMING

Solved more than 2000 problems in various online judges.

- **Codeforces:**   Handle: **Shohan2000**, Max Rating: **1538 (Specialist)**, Solve Count: **1300+**

- **CodeChef:**   Handle: **symom_hossain**, Max Rating: **1755 (3-Star)**, Solve Count: **60+**

- **LightOJ:**   Handle: **shshohan0000**, Solve Count: **100+**

HONORS AND AWARDS

• **INTERNATIONAL**

- 2024   **5th Position**, CLEF 2024 - CheckThat! Lab Task 1: Check-Worthiness Estimation *Grenoble, France*
- 2024   **5th Position**, AraFinNLP 2024 - Subtask 1: Multi-dialect Intent Detection *Bangkok, Thailand*
- 2024   **11th Position**, SemEval 2024 - Subtask 1: Semantic Textual Relatedness *Mexico City, Mexico*
- 2023   **612th Position**, Codeforces Round 860 (Div. 2) *Global*

• **DOMESTIC**

- 2024   **5th position**, Bhasha-Bichitra: ASR for Regional Dialects *Bengali.AI, IUT*
- 2020-24   **Technical Scholarship (x6)**, For Academic Excellence in the CSE department of CUET
- 2020-24   **Honorable Mention (x5)**, ICPC Asia Dhaka Regional Site Preliminary Contest *Dhaka, Bangladesh*
- 2022   **5th Position**, CUET Intra Junior Contest (Round 3) *Chittagong, Bangladesh*
- 2021   **15th Position**, CUET Divisional contest *Chittagong, Bangladesh*

EXTRA-CURRICULAR ACTIVITIES

• **Development Secretary, CUET Computer Club** *2024 - Present*
Chittagong, Bangladesh
- Gained expertise in competitive programming
- Participated in many onsite programming contests
- Organized several programming competitions