



## Md Tanvir Hasan

**Date of birth:** 30 Jun 1997

**Nationality:** Bangladeshi

### CONTACT

Escadas de Sao Joao 1,  
9000-123 Funchal, Portugal  
(Home)

[tanvir97pt@gmail.com](mailto:tanvir97pt@gmail.com)

[tanvir35-209@diu.edu.bd](mailto:tanvir35-209@diu.edu.bd)

(+351) 927828399

<https://mt-hasan.web.app>

<https://www.linkedin.com/in/md-tanvir-hasan> (LinkedIn)

+351927828399 (Whatsapp)



europass

### WORK EXPERIENCE

**MOMENTO CONSTANT LDA** Lisbon, Portugal

#### Shop Assistant

May 2024 – Apr 2025

- Execute working instructions
- Notify customers on special offer
- Organize product display
- Manage Counter
- Help customers to get expected product

**HEIRLOOM** 9000 Gent, Belgium

Website <https://www.heirloom.be/>

#### Student Job

Mar 2023 – Mar 2024

- Booking Manage
- Client Service
- Handle Foreign Client
- IT Support

**DAFFODIL INTERNATIONAL UNIVERSITY (DIU)** Savar, Dhaka, Bangladesh

Website <https://daffodilvarsity.edu.bd>

#### Research Assistant

2020 – 2022

### WEB DEVELOPMENT SKILL

#### Frontend Development

React, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Responsive Design, Component Libraries (e.g., Material-UI, Ant Design, DaisyUI)

#### Backend Development

Node.js, Express.js, RESTful APIs

#### Others

**Databases:** MongoDB

**Authentication:** Firebase Authentication, OAuth.

**Tools & Platforms:** Git, GitHub, npm/yarn, Webpack, Babel, VS Code.

**Methods:** Agile/Scrum methodologies, Deployment (e.g., Vercel, Netlify, Render).

### PROJECTS

#### Arbor Food And Cafe

Frontend- React (Vite), Tailwind CSS

Backend- ExpressJS

Language- JavaScript

Database: MongoDB

Other Tool- GitHub, Firebase, Render

Link <https://arbor-food-and-cafe.web.app>

#### MT Hotel

Frontend- React (Vite), Tailwind CSS

Language- JavaScript

Other Tool- GitHub, Firebase

Link <https://mt-hotel.web.app>

## SKILLS

Programming languages (Python and R program) | Data Science, Data Analytics, Data Visualization | Python (matplotlib, pandas, numpy, etc) | R - Studio | R package (ggplot2) | Reviewing, reporting, and research | Python scripting for data-science and bioinformatics | Versioning tools (Git, Github)

## EDUCATION AND TRAINING

**SEP 2022 – SEP 2023** Gent, Belgium

**Master of Science in Business Engineering (Preparatory Course)** Ghent University

**Address** 9000, Gent, Belgium

**6 JAN 2017 – 12 JUN 2021** Dhaka, Bangladesh

**Bachelor of Science in Software Engineering** Daffodil International University

**Address** Ashulia, Savar, Dhaka, Bangladesh | **Final grade** 3.51 out of 4 | **Thesis** Discovering common pathophysiological processes between COVID-19 and Cystic Fibrosis by differential gene expression pattern analysis

## PUBLICATIONS

### Journal Publication

1. **"Systematic approach to identify therapeutic targets and functional pathways for the cervical cancer".** Md. Tanvir Hasan, Md. Rakibul Islam, Md. Rezwan Islam, Baraa Riyadh Altahan, Kawsar Ahmed, Francis M. Bui, Sami Azam & Mohammad Ali Moni. *Journal of Genetic Engineering and Biotechnology*. 2023 Feb 1;21(1):10. doi: 10.1186/s43141-023-00469-x. PMID: 36723760; PMCID: PMC9892376.
2. **"Exploring the Novel Computational Drug Target and Associated Key Pathways of Oral Cancer",** Fatema Akhter, Fawzia Haif Al Kahtani, Zainah Mohammed Sambawa, Deema Abdulrahman Alhassan, Reema Abdulaziz AlSaif, Tahsinul Haque, Mohammad Khursheed Alam \*, **Md. Tanvir Hasan**, Md. Rakibul Islam, Kawsar Ahmed \*, Rehana Basri. *Current Issues in Molecular Biology*. **2022**, 44(8), 3552-3572; <https://doi.org/10.3390/cimb44080244>
3. **"Discovering common pathophysiological processes between COVID-19 and Cystic Fibrosis by differential gene expression pattern analysis",** Md. Tanvir Hasan, Lway Faisal Abdulrazak, Mohammad Khursheed Alam, Md. Rezwan Islam, Yeasmin Hena Sathi, Fahad Ahmed Al-Zahrani, Kawsar Ahmed, Francis M. Bui, Mohammad Ali Moni, *BioMed Research International*, vol. 2022, Article ID 8078259, 12 pages, 2022. <https://doi.org/10.1155/2022/8078259>.
4. **"Significant pathway and biomarker identification of pancreatic cancer associated lung cancer",** Tamanna Khan, Bikash Kumar Paul, **Md. Tanvir Hasan**, Md Rakib Islam, M. A. Arefin, K. Ahmed, Md K. Islam, and Mohammad Ali Moni. *Informatics in Medicine Unlocked* (2021): 100637. <https://doi.org/10.1016/j.imu.2021.100637>.
5. **"Network based study to explore genetic linkage between diabetes mellitus and myocardial ischemia: Bioinformatics approach.",** Md. Tanvir Hasan, Mehedi Hassan, Kawsar Ahmed, Md Rakibul Islam, Kabirul Islam, Touhid Bhuyian, Muhammad Shahin Uddin, and Bikash Kumar Paul. *Gene Reports* 21 (2020): 100809. <https://doi.org/10.1016/j.genrep.2020.100809>.

## HONOURS AND AWARDS

2021 Daffodil International University

● **Recognition of Scholarly publication in Reputed Indexed Journal**

2020 Daffodil International University

● **Recognition of Scholarly publication in Reputed Indexed Journal**

## CERTIFICATIONS

JAN 2022

● **Data Visualization using Python**

Great Learning Academy

SEP 2020

● **Python (Basic)**

Hackerrank

● **Reviewer Certifications**

**Journal List**

1. Informatics in Medicine Unlocked
2. IET Systems Biology
3. Computers in Biology and Medicine
4. Frontiers in Pharmacology
5. BioMed Research International

## MANAGEMENT AND LEADERSHIP SKILLS

● **Event Organizer**

During my undergraduate studies, I had to organize different types of events like Study Tour, Freshers reception, various types of the fest. I was responsible for planning, managing, and organizing sensational events in the most efficient and cost-effective ways.