

Tazrian Zaman Tushti

Seeking a dynamic software engineering role where I can actively acquire practical experience, broaden my skillset, and make meaningful contributions to a collaborative team.

WORK EXPERIENCE

Junior Software Engineer

Medina Tech Limited

1 April 2023 – 31 October 2023

- Preparing extensive image and datasets, encompassing tasks like image resizing, data augmentation, data normalization and handling imbalanced dataset.
- Gather and clean datasets for training and testing machine learning models.
- Fine-tuned pre-trained deep learning models.
- Evaluating and validating model accuracy, performance and robustness.
- Preparing necessary project documents according clients expectations, agreements, and any changes in requirements.
- Establish clear lines of communication among team members and stakeholders

Research Intern

American International University-Bangladesh

15 September. 2022- 31 December 2022

- Music and Academic performance of Bangladesh.
- Conducting survey research was conducted on the academic results of Bangladeshi students who are involved with music.
- Literature review of related papers
- Gathering data of undergraduate students who are involved in music.

EDUCATION

BSc. In Computer Science and Engineering

American International University-Bangladesh

January 2019- March 2023

CGPA-3.81 out of 4

Higher Secondary Certificate (HSC)

Milestone College

2018

GPA: 4.58 out of 5

Secondary School Certificate (SSC)

Bangladesh Agricultural Research Institute High School

2016

GPA: 4.89 out of 5



CONTACT

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🔗 <https://github.com/Tazrian1999>

SKILLS

- **Programming Languages:**
C, C++, Java, C#, Python, Django, TensorFlow, HTML, CSS, PHP, JavaScript.
- **Project Management:**
JIRA, Trello, Slack, Microsoft Project, SDLC, STLC
- **Software:**
XAMPP, AutoCAD, Multisim, Visual Studio, Cisco Packet Tracer

PROJECTS

- **Urgent E-Pharma System** using HTML, CSS, PHP, JS, MySQL
- **IT firm management system** - database management system Project
- **Online medical management system**-using Object Oriented Programming (Java)
- **Bookstore**- an ecommerce website using Django framework

THESIS

Software Defect Prediction using Object Oriented Metrics.

- A model is developed in order to find defects in object oriented based software.
- Machine Learning approach is used to observe the model to predict defects in class level.
- Collected and analyzed a comprehensive dataset of object oriented metrices using Python for data preprocessing.
- Implemented machine learning algorithms like Linear Regression, Naive Bayes, SVM etc.
- Collaboration closely with team to validate results.

CO-CURRICULAR ACTIVITIES

- Participated cultural events as a singer, sharing my passion for music and performing in front of audiences.
- Secured third place in art competitions and actively participated in various art events.

REFERENCES

Dr. Md. Mazurul Hasan
Associate Professor
Department of Computer Science
American International University- Bangladesh (AIUB)
Contact no: 01715-246399
E-mail: manzurul@aiub.edu

Kazi Sadia
Lecturer
Department of Computer Science
American International University- Bangladesh (AIUB)
Contact no: 01616116677
E-mail: kazi.sadia@aiub.edu

CERTIFICATIONS & AWARDS

- Introduction to HTML5-University of Michigan (Coursera)
- Introduction to CSS3-University of Michigan (Coursera)
- Talentpool Government Scholarship for academic results of PSC & JSC exams.