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https://chinmoymondol-portfolio.vercel.app

Chinmoy Mondol

As a motivated individual with three years of QA experience, I am eager to embark on a challenging career in an organization known for its enthusiastic environment where I can harness my knowledge and expertise to fuel my professional growth.

Academic Qualifications

2017 - 2021
BSc. in Computer Science and Engineering
American International University-Bangladesh
CGPA: 3.99 out of 4.00

2015 - 2017
Higher Secondary Certificate
Sirajganj Collectorate School & College, Sirajganj
GPA: 4.58 out of 5.00

2013 - 2015
Secondary School Certificate
Sobuj Kanan School & College, Sirajganj
GPA: 4.61 out of 5.00

Thesis

Music Suggestions from Determining the Atmosphere of Images
This project provides a robust music suggestion system using core components of computer vision and data mining and also checks its feasibility through implementation. The system determines certain features of a picture and generates attributes according to it. These attributes are then used to generate music suggestions which in turn complements the atmosphere as well as the mood of the listener.
DOI: 10.1109/ICCIT54785.2021.9689781

Achievements

- Received a Gold Medal at the convocation ceremony in recognition of outstanding academic performance.

- Graduated with the highest academic distinction, Summa Cum Laude.

- Achieved Dean's List Honors four times during my tenure at American International University-Bangladesh.

Experience

Tiger IT Bangladesh Limited
- Senior Software Engineer (QA) | Sept 2024 - Present
- Software Engineer (QA) | Jul 2021 - Aug 2024

Responsibilities:

- Designed testing scenarios, prepared test cases, QA checklists, and analyzed test results.
- Documented software defects using bug tracking system (Asana).
- Monitored bug life cycle, tested fixes (Black Box, Grey Box), and helped developers by providing a QA perspective.
- Performed Load/Performance Testing (JMeter), Security Testing (Burp Suite), API Testing (Postman).
- Performed Service and UI automation (Selenium with Python), desktop application automation (PyAutoGUI).
- Worked with DevOps to resolve technical issues during software deployment and troubleshooting complications.

Projects:

- **CommChat:** https://www.commchat.com
  Played an active role in the testing and refinement of CommChat which is a suite of communication applications encompassing large-scale meetings, calls, end-to-end encrypted chats, machine translation, virtual spaces, facial reconstruction for bandwidth optimization, live broadcasting, and a wide array of other features.

American International University-Bangladesh
Teaching Assistant | Intern | Nov 2020 - Jan 2021
Responsibilities:

- Was assigned as TA in the "Artificial Intelligence and Expert System"and "Web Technologies"courses for the Fall 20-21 semester.
- Conducted tutorials, labs, and review sessions.
- Provided support and guidance to students.

Projects

Portfolio Website | Web
A single-page portfolio website primarily built using React and CSS to showcase my skills, projects, and experiences in a visually engaging and user-friendly manner.
Single project | April 2023
GitHub: https://github.com/chinmoymondol46/Portfolio
Platform and Tools: HTML, CSS, JS, ReactJS, EmailJS

- Achieved Academic Scholarship from American International University-Bangladesh.
- Won 1st prize on Inter University ICT Olympiad (AIUB CS Fest 2018).

Technical Skills

Programming Languages:
C, C++, Java, C#, Python, PHP, JavaScript, MATLAB, Assembly Language

Web Development Tools:
HTML5, CSS3, Bootstrap, ReactJS, WordPress

Database Tools:
MySQL, MS SQL, PostgreSQL, Oracle, Redis, Cblite

Testing Tools:
Selenium WebDriver, PyAutoGUI, JMeter, Postman, Swagger, Burp Suite

Development Tools:
Agile SDLC, QA Methodologies

General Tools:
MS Office, Adobe Photoshop, Adobe Premiere Pro

Area of Interest

- Software Quality Assurance
- Software Development
- Deep Learning
- Data Mining

Language Proficiency

Bengali

Reading	Writing	Listening	Speaking
Excellent	Excellent	Excellent	Excellent

English

Reading	Writing	Listening	Speaking
Excellent	Good	Excellent	Good

Reference(s)

MD. KISHOR MOROL
Lecturer
Department of Computer Science
Faculty of Science & Technology
American International University-Bangladesh (AIUB)
E-mail: kishor@aiub.edu

Keyword Density Checker | Desktop
A keyword density checker developed with C# that takes keywords and multiple web pages as input and provides the count and density of each keyword in each web page as output, which is saved in a structured CSV file.
2 people group project | Feb 2021
GitHub: https://git.io/JtD74
Platform and Tools: C#, Visual Studio

Flower Classification Model | CNN Model
A custom CNN model developed using python for classifying five famous classes of flowers.
3 people group project | Aug 2020
GitHub: https://git.io/Jtv6c
Platform and Tools: Python 3.8, TensorFlow, Keras, OpenCV, Jupyter Notebook

Online Job Portal | Web
An online job portal developed with PHP and JS that provides employers and seekers with various options to post and search jobs that most closely match their needs while maintaining authenticity and decorum.
2 people group project | Aug 2020
GitHub: https://git.io/Jtvo0
Platform and Tools: HTML5, CSS3, PHP, JavaScript, My SQL, VS Code, XAMPP

Brick Breaker Game | Desktop
Simple brick breaker game developed with C++ and GLUT where players try to achieve the highest score by controlling a paddle and a bouncing ball via keyboard and mouse, and try to break the stack of bricks while keeping the ball from touching the ground.
2 people group project | Apr 2020
GitHub: https://git.io/JtvoK
Platform and Tools: C++, GLUT, Code::Blocks

Hospital Management System | Desktop
A hospital management system developed with C# that handles doctor's appointments, patients' histories, medicine prescriptions, and room reservations by performing CRUD operations in its database.
4 people group project | Dec 2019
GitHub: https://git.io/JtvzA
Platform and Tools: C#, MS SQL, Visual Studio, MS SQL Server

Super Shop Management System | Desktop
A simple super shop management system developed with java that deals with the billing system, sales information, and handles the management of employees and stock by performing CRUD operations in its database.
3 people group project | Aug 2019
GitHub: https://git.io/JtvEg
Platform and Tools: Java, My SQL, NetBeans, XAMPP