Md. Kamruzzaman

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Education

International University of Business Agriculture and Technology **January 2018 – January 2022**
Bachelor of Science in Computer Science and Engineering *CGPA: 3.50*

Thesis:

- "Machine Learning Approaches for PE Header Based Multinomial Malware Classification"- Md. Kamruzzaman, Nuhash Alam, Prof. Dr. Shamim Akhter . It is a PE Header-based approach for detecting malicious programs with types the analyzing of PE features using machine learning algorithms and achieved Correctly Classified Instance about 68.17 % .

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, PHP, SQL
Databases: MySQL
Libraries: NumPy, Pandas, OpenCV
Frameworks: Laravel, Bootstrap
Technologies/Tools: Linux, GitHub, VS Code, Google Co lab, Jupyter notebook

Experience

Mechanic Koi **June 2021 – January 2022**
Information Technology Intern *Dhaka, Bangladesh*

- Developed and managed the back-end of a traveling e-commerce platform targeting admin users using Laravel 8 and MySQL; built functionalities such as login/sign up, view daily booking, view, edit, add packages, confirm booking, check to inquire, etc.
- Created user responsive interfaces targeting customers with HTML, CSS, Bootstrap, and JavaScript where customers continue to the package and package details, checkout, etc.
- Utilized SSLCOMMERZ API payment gateway for customers where they proceed to pay online via more than 3 getaways such as Bkash, Rocket, etc.
- Implemented an alert system to send emails for admin when customers book any package within 5 seconds.
- Debugged the web pages to prevent incorrect operations from the users.
- Worked on web applications for fleet management system's back-end. Improved and redesigns multiple modules and sent results to the database using PHP and MySQL.
- Improved accessibility and reduced response time delay by changing database design and queries.

Projects

Gender and Age Detection System | *Python, OpenCV, Caffe* January 2021 – January 2021

- Created an open source project that analysis the still image and identify the gender and age.

Simple Hand Tracking System | *OpenCV, Pipeline* May 2021 – January 2021

- Take a real-time image and track multiple hands with fingers with 90% accuracy.

Simple Virtual Assistant | *SpeechRecognition, Pyttsx3, Pywhatkit* May 2021 – May 2021

- Listen voice through the microphone, analyze it and work as the command.

School Management System | *JavaScript, HTML, CSS, PHP* October 2020 – December 2020

- A Web application coded where admin can control teacher and student information and accountant can control the payment information, which helps reduce at least 5% office paperwork.

Routine Search System | *PHP, HTML, CSS* December 2019 – December 2019

- A Web module built where student can search class routine using student ID and can see assigned course information.

Key Accomplishment

HackerRank:

- Gold level in SQL.
- Gold level in 30 Days of Code.
- Silver level in Python.