Md. Jamil Istiaq

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Objective

A student, researcher, software enthusiast and an acquisitive person who is actively searching for practical knowledge to get adapted to the everchanging modern technologies, also willing to gather expertise to lead a team for the successful completion of a given project. Research interests are Data Science, Artificial Intelligence (AI), Machine Learning (ML), Computer vision (CV)

Education

- **American International University- Bangladesh (AIUB)**
  Bachelor of science in **Computer Science and Engineering** (2018 to 2022)
  CGPA **3.53**, Major in Software Engineering.
- **Holy Land College, Dinajpur**
  Higher School Certificate (HSC), 2017
  GPA 4.57, **Science** group.
- **Thakurgaon Govt. Boys' High School**
  Secondary School Certificate (SSC), 2015
  GPA 5.00, **Science** group.

Work Experiences

- **IT Officer** (2022 to Present)
  Technology & Creativity Department, **SEMIOTIFY**

Projects and Thesis

- **Attendance Management System,** php (Laravel, Web Application, MVC)
  Employee attendance, count working hour, salary calculate, expence, leave
- **Project Management Application,** php (Laravel, Web Application, MVC, API)
  Create project, project task, attachment, send message
- **University Club management System,** C# (Windows Form Application)
  All club activates through the app. Like vote, notice, event, bill etc all activity.
- **Metrorail Automation System,** Web application (php, JS, AJAX, HTML, CSS)
  A smart ticket management system is introduced. All data and all ticket are in virtual in a record.
- **Metrorail Automation System** Web API (.Net Framework, SOLID, Four Tier architecture.)
  A smart ticket management system is introduced.
- **Custom CNN and filter Visualization** (tf,keras)
  A custom CNN proposed model, learning filter visualization
- **Underwater Object Classification Using Deep Learning** (Thesis)
  Transfer learning, VGG16, ResNet50, Classification, TensorFlow.

github: https://github.com/jamil-istiaq

Extra Curriculum Activities

- **IEEE HAC Assessment Committee Member**
  IEEE HAC (Humanitarian Activities Committee) (2022 to Present)
- **Executive Member** (webmaster)
  IEEE Computer Society Bangladesh Chapter (January 2022 to Present)

- **Office of Student Affairs (OSA) Volunteer in Charge**
  Office of student affairs (OSA), 2019 to Present.
  Support and guide the admission aspirants, prepare VUES data, sort student's data and store.
- **Chairperson**
  IEEE Computer Society AIUB Student Branch Chapter (June, 2020 to Present)
  Monitor chapter's work and organize events.
- **Web Coordinator**
  IEEE Computer Society Bangladesh Chapter team SPARK, (January, 2021 to January, 2022)
  Supervise volunteers and guide them to manage the tech site of computer society.
- **Ambassador Coordinator**
  IEEE SPAVe 5.0
  Gave tasks to the ambassadors from various universities and guided them how to execute tasks properly and maintain effective communication.
- **Campus Ambassador**
  IEEE PES Day 2021
  IEEE Xtreme 14.0

Software Skills

- **Engineering software**
  AutoCAD, MATLAB, Simulink, Proteus, Multisim.
- **Editor/Coding software**
  CodeBlocks, Visual Studio, VS Code, Sublime, Atom, PyCharm

Knowledge Skills

- **Programming Language**
  ASP .Net Framework, ASP .Net Web API, Python (TensorFlow, Keras), PHP (Laravel), JavaScript, C#, C++, C, Database (SQL, MySQL, Oracle).

Certificates

- **Understanding Research Methods**
  University of London, Coursera
- **Python Data Structures**
  University of Michigan, Coursera
- **Managing Big Data with MySQL**
  Duke University, Coursera
- **Speak English Professionally: In Person, Online & On the Phone**
  Georgia Institute of Technology, Coursera

Memberships

- IEEE Student Membership (January, 2018 to Present)
- IEEE Computer Society Membership (January 2020 to Present)

References

1. Dr. Ashraf Uddin
   Assistant Professor
   Dept. of CSE,
   American International University-Bangladesh
   Email: dr.ashraf@aiub.edu
2. Kawser Irom Rushee
   Assistant Professor
   Dept. of CSE,
   American International University-Bangladesh
   Email: rushee@aiub.edu