Arafat Islam
BSc in CSE

As a motivated CSE student, I'm enthusiastic about IT and research, with a solid background in programming, data structures, and algorithms & eager to apply my skills in an internship setting, dedicated to problem-solving, teamwork, and contributing to your organization 's success while expanding my knowledge and expertise in the field.

Contact Information

- in * / in/aarafat27*
- * /aarafat27*
- * /@aarafat27*
- * arafatedu11@gmail.com*
- * 01709009187, 01318805474*
- * Kuratoli, Khilkhet, Dhaka 1229*

Tools

- GitHub
- Pycharm
- Jupyter Notebook
- Figma
- MATLAB
- Cisco Packet Tracer
- NI Multisim
- Arduino IDE
- Draw.io
- Microsoft Office
- Google Colab

Research Interests

- Artificial General Intelligence
- Blockchain
- Computer Vision
- Machine Learning
- Deep Learning
- Graph Theory

Education

- **2019 – present**   **American International University-Bangladesh.**
  BSc in CSE. (Last semester)
- **2016 – 2018**   **Cambrian School & College.**
  Higher Secondary Certificate (HSC).
- **2014 – 2016**   **Nangalkot A.R. Model Govt. High School**
  Secondary School Certificate (SSC).

Programming Skills

- **Python**
- **C#**
- **C**
- **C++**
- **PHP**
- **JavaScript**
- **Oracle SQL**
- **JAVA**

Projects

- **Fire Detection (computer vision):**
  o Detects fire from real-time videos and images.
  o Developed using **YOLOv5x** a CNN based Deep learning real-time object recognition algorithm.
  Technologies: Python, YOLOv5x, PyTorch, Google Collab.
  More at GitHub →

- **Heart Disease Prediction (machine learning):**
  o Predict heart disease from patient's medical data like age, sex, chest pain type, resting BP, cholesterol, fasting BS, resting ECG etc.
  o Developed using different ml model- SVM, KNN, Decision Tree, Logistic regression & Naive bayes.
  Technologies: Python, Jupyter Notebook, Scikit-Learn, Numpy, Pandas, Matplotlib, Seaborn.
  More at GitHub →

- **Cafe Management System (service):**
  o A complete cafe management system.
  Technologies: C#, .NET, Microsoft Visual Studio.
  More at GitHub →

- **Go-Green E-Nursery (e-commerce):**
  o A marketplace for plants and trees.
  Technologies: PHP, HTML5, CSS, JavaScript, Bootstrap, VS Code, XAMPP
  More at GitHub →