

MD FARHADUL ISLAM

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GitHub:

<https://github.com/farhad324>

Skill Highlights

- Data Management, Processing, Visualization
- Image Processing
- Neural Networks
- Arduino - Robotics
- Machine Learning
- Problem Solving, Algorithm Analysis
- Dedication, Team Work
- Web Scraping

Projects (Projects are available on the github repositories) **

- **Auto Chloro (A Plant Disease Classifier & Remedies Provider)** (Python)
- **AirDraw n' Match (Webcam Paint + Digit recognition)** (Python)
- **Linear Regression Simulation with OpenCV and Matplotlib** (Python)
- **Double Linked List Visualization** (Python)
- **Selection Sort Visualization** (Python)
- **NESARC Data Analysis – Depression Causes Health Problems** (Python)
- **Projectile Motion Visualization (2D) with Matplotlib** (Python)
- **S&P Case Study – Financial Data Analysis** (Python)
- **Caesar Cipher Application** (Java)
- **A.T.O.M.E.R – A Simple Mars Rover Clone** (Arduino)

Education

Bachelor of Science: **Computer Science & Engineering** (September 2019 – Present)

CGPA: 3.89, Credits Completed: 45

Brac University

Programming Skills

Programming Languages & Others	Libraries and Frameworks
<ul style="list-style-type: none">• Python, Java, Arduino (C++)• LaTeX• SQL• HTML	<ul style="list-style-type: none">• Python: NumPy, Pandas, Sci-kit Learn, OpenCV, Tensorflow, Beautiful Soup, Tkinter, Matplotlib, Flask

Experience

- **Machine Learning Engineer** (Part Time)
Ronin Technologies (A startup founded by some enthusiastic undergraduates)
- Currently working on a project called “Air-Wire”
- **Instructor of Basics of Robotics**
ROBU – Robotics Club of Brac University
- **Content Creator (Python Coding Tutorials, Project Showcasing)**
Youtube – Farhadul Fuad (<https://www.youtube.com/watch?v=YZcbYeWk8w&t=426s>)

Courses / Certifications

In total 60+ Online Course Certifications

Notable Courses/Certifications:

- **DeepLearning.AI TensorFlow Developer [Professional Certificate]**
<https://www.coursera.org/account/accomplishments/professional-cert/BE8KDN2FR4QY>
- **Python and Statistics for Financial Analysis**
<https://www.coursera.org/account/accomplishments/verify/3RVU3REKU3GG>
- **Python for Genomic Data Science**
<https://www.coursera.org/account/accomplishments/verify/TUUES8SFMSZ8>
- **Data Management & Visualization**
<https://www.coursera.org/account/accomplishments/verify/GE49ZTUGFE5B>
- **Data Collection & Processing with Python**
<https://www.coursera.org/account/accomplishments/verify/MS6CA7F8MRPR>
- **Python Data Science Toolbox 1 & 2**
<https://www.datacamp.com/statement-of-accomplishment/course/2bab26840abdec7694750b8dbbee7337602d8e58>
- **Machine Learning Algorithms: Supervised Learning Tip to Tail**
<https://www.coursera.org/account/accomplishments/certificate/NEHR6DMU6A5Q>
- **Structuring Machine Learning Projects**
<https://coursera.org/share/53470ae7a27868a819afaa5d67361740>
- **Data Science Math Skills**
<https://www.coursera.org/account/accomplishments/certificate/Q4ZL48Q4MJFH>
- **Python Programming Beyond The Basics & Intermediate Training**
<https://www.udemy.com/certificate/UC-3684ebaf-e8f5-4e44-bb26-d289596c6858/>

Clubs

- **Senior Executive, ROBU (Research & Project Management)** – Robotics Club of Brac University.
(October 2019 – Present)
- **Senior Executive, BUCC (Finance)** – Brac University Computer Club.
(October 2019 – January 2021)
- **Former Senior Executive Vice President, JEEC** – Josephite Eco Earth Club
 - Best Contributor, Green Apple Day 2018
 - Lead Editorial Member, “Green Fighter ‘18” (1st Annual Magazine of the Club)
 - Acting President from October 2018 to January 2019

Achievements

- 3rd Position – Project Tech Tussle, IEEE Computer Society BRACU Student Branch, Brac University.
Project: Auto Chloro
- Winner – “Skill Showcasing” (Project), Radix - BUCC Week (Summer '20), Brac University.
Project: AirDraw n' Match
- 9th Position – Idea Contest, MindExperia, Bangladesh University of Professionals.
- 2nd Position – Eco Project, STEM Enhanced Nature Festival, Notre Dame College.
- 1st Position – Aero Genius, BAF Shaheen College Dhaka.
- 1st Position – IT Project, Technovation '17, St. Joseph Higher Secondary School.
- 3rd Position – Science Project, 62nd Scintilla Science Festival, St. Joseph Higher Secondary School.
- 2nd Position – Non-Mechanical Project, 1st National Science Fair, BAF Shaheen College Dhaka.