



MD. ABU BAKAR SIDDIQ SAYEM

B.Sc. In Computer Science and Engineering

Address: Village: Gopalpur (Hazi Ali Ahamd Vendor House) Holding No #34,
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CAREER OBJECTIVES

I am an enthusiastic, self-motivated student. I strive for the best in all that I do. Resolute for doing anything and sometimes I spend more time doing small tasks. Working in a challenging environment where I can use my skills to deliver value-added results by achieving the set results. I'm passionate about making changes and always looking forward to take new challenges.

EXPERIENCES

- **Software Engineer**
Research and Development Team,
Alchemy Software Limited.
(November 2020 – Present)
- **Teaching Assistant (TA)**
Dept. of Computer Science and Engineering (CSE),
International Islamic University Chittagong (IIUC).
(June 2019 – October 2019)

THESIS & RESEARCH EXPERIENCES

- **An Article** namely- “HActivityNet: A Deep Convolutional Neural Network for Human Activity Recognition.” Published in December 2021 EMITTER International Journal of Engineering Technology 9(2):357-376.
Link: https://www.researchgate.net/publication/357871345_HActivityNet_A_Deep_Convolutional_Neural_Network_for_Human_Activity_Recognition
- **Train the model and Classify images using AlexNet** based on Convolutional Neural Network.
- **Wireless Host to Host message passing with variable number of Clients** using OMNet++ Simulation Environment.
- **A Publication** namely - “Monitoring Harmful Sound Density and Light Intensity State in an Industrial Workplace.” Published in 2019 International Conference on Signal Processing and Communication (ICSC).
Link: <https://ieeexplore.ieee.org/document/8938314?arnumber=8938314>

PROJECT

- **A Project** on – “Voice Activated Home Automation System.” Presented in Techfest-2018, IIUC.
Link: <https://drive.google.com/open?id=1GI1jQ8GgIk0aSAktaL1omfeWCP90hYwd>

MACHINE LEARNING COURSES

- **Neural Networks and Deep Learning** by – Coursera (deeplearning.ai – Andrew Ng)
- **Convolutional Neural Network** by - Coursera (deeplearning.ai – Andrew Ng)
- **Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep learning** by - Coursera (deeplearning.ai – Andrew Ng)

- **Introduction to Deep Learning** by - Coursera (deeplearning.ai – Andrew Ng)

TRAININGS & WORKSHOPS

- **A Two Months Long Training On – “Microcontroller & Robotics”** at Deshikarigor Research and Training Circle.
(July 6th, 2017 – August 31st, 2017)
Certification: https://drive.google.com/open?id=188R9wAESBvS5rmml_3vtm90TuX5-UNEn
- **A Three Months Long Training On – “Web Application Development-Dot Net”** at BASIS Institute of Technology & Management (BITM) supported by the Skill for Employment Investment Program (SEIP).
(April 1st, 2017 – July 10th, 2017)
Certification: <https://drive.google.com/open?id=1tSidwXc4PKOpvLTGKNEK09GM6ZBf0ZWL>
- **A Workshop On – “Internet of Things (IoT) with Raspberry pi”** at Planeter Ltd.
(February 2nd, 2018)
Certification: https://drive.google.com/open?id=1pG7QEFwOb_Px4c82DITdxxQQtOXF0s5L
- **A Day Long Workshop On – “IoT Cloud Architecture”** at IIUC.
(August 17th, 2017)
Certification: <https://drive.google.com/open?id=1LyPcOqtCHBn2yCTmiKq8nGKzEP3F1pH>
- **A Workshop On – Line Following and Obstacle Avoiding Robot: Building and Working Procedure.**
(June 10th, 2017)

TECHNICAL SKILLS

Programming Language – Python (Tensorflow, Keras), C, C++, HTML/CSS, JavaScript, SQL.

Machine Learning – Artificial Neural Network (ANN), Convolutional Neural Network (CNN),
Feed-Forward Neural Network (FNN), LSTM.

IDE/Editors – Spyder, PyCharm, CodeBlocks, Notepad++, Oracle 10g.

Microsoft Office - Word, Excel, Power Point, Visio.

EDUCATION

Exam	Concentration /Major	Institute	Result	Passing Year
M.Sc. in Engg. (Postgraduation)	CSE	International Islamic University Chittagong	(Not Published Yet)	(Pursuing)
B.Sc. in Engg. (Graduation)	CSE	International Islamic University Chittagong	3.51 (Out Of 4) (CGPA)	December, 2019
H.S.C (Higher Secondary)	Science	Nowab Faizunnesa Govt. College, Laksam	4.00 (Out Of 5)	2013
S.S.C (Secondary)	Science	Laksam Pilot Govt. High School, Laksam	5.00 (Out Of 5)	2010

EXTRA-CURRICULAR ACTIVITIES

- **President**
Gopalpur Ideal Club, Laksam, Comilla.
(March 2020 – Present)

- **Program Co-Ordinator**
Charity Organization of Bangladesh (COBA), Chittagong.
(December 2018 – Present)
- **Executive**
Operation Team, Shobdometro Chittagong.
(June 2018 – Present)
- **Former Executive**
IEEE, IIUC Student Branch, Bangladesh Section
(January 2018 – December 2018)

LANGUAGE & ABILITIES

- **Language:** Mother Tongue – “*Bengali*”.
Fluent in *Bengali* and Full working knowledge in *English*.
- **Abilities:**
 - # Self learning ability
 - # Good communication skill
 - # Team work & Collaboration
 - # Patient
 - # Sincere
 - # Punctual

PERSONAL DETAILS

Date of Birth: January 1st, 1994

Nationality: Bangladeshi (By Born)

Marital Status: Single

Blood Group: B (+ve)

Religion: Islam

SOCIAL CONTACT INFO.

LinkedIn: <https://www.linkedin.com/in/abs-sayem-8a115a144>

Twitter: <https://twitter.com/AbsSayem>

Facebook: <https://www.facebook.com/profile.php?id=100004560167399>

REFERENCES

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