

# SOLAYMAN HOSSAIN EMON

## Research Enthusiast

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## OBJECTIVE

To utilize my technical skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector. Passionate about research-based work and wanted to contribute in a more impactful way for the welfare of the universe through research works.

## ACADEMIC CREDENTIALS

B.Sc. in Computer Science and Engineering (CSE)

Ahsanullah University of Science and Technology (AUST)

CGPA: 3.54 / 4.00 (Last Four Semester's GPA: 3.82, 3.85, 3.59, 3.98)

Sept 2016 - Dec 2020

Dhaka, Bangladesh

Higher Secondary School Certificate (HSC) in Science

Dhaka College

GPA: 5.00 / 5.00

June 2013 - May 2015

Dhaka, Bangladesh

## PROFESSIONAL EXPERIENCE

Research & Development (R&D) Intern

Psycure Organization

Aug 2020 - Nov 2020

Dhaka, Bangladesh

## RESEARCH BACKGROUND

Conference Proceedings

- Solayman Hossain Emon**, A.H.M Annur, Abir Hossain Xian, Kazi Mahia Sultana & Shueb Mohammad Shahriar. Automatic Video Summarization from Cricket Videos Using Deep Learning. In *Proceedings of the 2020 23rd International Conference on Computer and Information Technology (ICCIT 2020, IEEE Sponsored peer-reviewed)*.
- Solayman Hossain Emon**, MD Afranul Haque Mridha & Mohtasim Shovon. Automated Recognition of Rice Grain Diseases Using Deep Learning. In *Proceedings of the 2020 11th International Conference on Electrical and Computer Engineering (ICECE 2020, IEEE Sponsored peer-reviewed)*.

## AREA OF INTEREST

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Artificial Intelligence

Deep Learning

Computer Vision

Computational Biology & Respective Fields

## TECHNICAL SKILLS

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|----------------------------|--|
| ▶ Programming Language     | Python, C++, Matlab, ASP.NET, SQL, PL/SQL, PHP, HTML, CSS      |
| ▶ Deep Learning Frameworks | TensorFlow, PyTorch  |
| ▶ IDEs                     | Google Colaboratory, Codeblocks, Microsoft Visual Studio, Atom |
| ▶ Database                 | My SQL, Microsoft SQL Server, Oracle 10 g                      |
| ▶ Miscellaneous            | Microsoft Office, LaTeX, Photoshop                             |

## LINGUISTIC PROFICIENCY

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- ▶ Bengali – Native proficiency
- ▶ English – Limited working proficiency

## CO-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

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- ▶ Best Research & Development (R&D) Intern Award in Psycure Organization.
- ▶ Selected for ITEE (Information-Technology Engineers Examination) Training Program Organized by Department of CSE, AUST.
- ▶ Participated in Intra Aust Programming Contest Fall 2016, Spring 2017 & Fall 2017.
- ▶ Member at AUST Innovation & Design Club (AUSTIDC).
- ▶ Volunteer at Department of Olympiad in 4th Farm Fresh Dhaka College Science Club (DCSC) National Science Expo 2014.

## MASSIVE OPEN ONLINE COURSE (MOOC)

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- ≡ Coursera Deep Learning Specialization course offered by deeplearning.ai
- ≡ Coursera TensorFlow in Practice Specialization course offered by deeplearning.ai (Ongoing)
- ≡ Data Science Specialization course offered by Johns Hopkins University (Ongoing)

## REFERENCES

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**Prof. Dr. Mohammad Shaful Alam**

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Ahsanullah University of Science and Technology

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**Shoeb Mohammad Shahriar**

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Please visit my portfolio: <https://solayman-cs.github.io>

