

Sourav Sarker

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Objectives:

Eager to work in a place where I can implement my problem solving and machine learning skills and learn the scopes of different technologies so that I can use my acquired knowledge towards the continuous development and growth of the organization.

Academic Background:

Degree	Institution	Passing Year	GPA
BSc. in CSE	Shahjalal University of Science & Technology, Sylhet	2019	3.30(scale of 4)
HSC	Rajshahi College, Rajshahi	2014	5.00(scale of 5)
SSC	Natore Govt. Boys' High School, Natore	2012	5.00(scale of 5)


Technical Summary:

Programming Language:	Python, C/C++, Java, PHP, Html/CSS
SDK & Framework:	Django, Laravel, Bootstrap, jQuery, mPdf
Database:	MySQL, Oracle, MongoDB
Machine Learning library:	Tensorflow, keras, scikit-learn
Version control System:	Git
Compiler Tools:	Lex, Yacc, Bison
Simulator:	MATLAB, Octave, Packet Tracer
OS and Tools:	Windows, Linux, Adobe Illustrator etc.

Project works:

Chatbot (undergoing) Jan,2018-Feb,2019	Technologies : Django, Machine Learning, Heroku , HTML-CSS, JavaScript Description: An undergraduate thesis work and it's end product which is an automated question answering system on the domain of "SUST" following statistical approach(machine learning) . This work includes the classification, detection, named entity recognizer work using machine learning.
Mukti Corner Feb,2018-Apr,2018	Technologies : PHP, Javascript, HTML, CSS, Python, CKeditor, MySQL Description: A website that's crawls news from news portal related to liberation war and shows that in realtime and an associated blog and a CURD based gallery is a plus.
IICT Management system Jun,2017-Nov,2017	Technologies : PHP, Javascript, HTML, CSS, , Apache server, mpdf Description: Website that using CRUD based operation and level based authentication to do the regular office work where a real time pdf generation of different forms is a plus.
Multi client chat server Jun,2017-Dec,2017	Technologies : Java, Socket programming Description: A desktop application for chatting among the computer within same network and connected to a particular server computer.




Problem-solving skill:

Solved around **700** problems on the topic of **number theory, data-structure, algorithm, conventional dynamic programming** etc. Details about IDs and judges are provided on this link : (<https://bit.ly/2UAKbp>)

Research work:

- Bengali Question Answering System for SUST admission- a statistical approach
 - * **Dataset Building** * **Question Formulation** * **Answer Extraction**
- Named Entity recognizer over SUST domain- a statistical approach

Achievements:

- Awarded “**Best Poster**” in the poster presentation segment in International Conference on Bangla Speech and Language Processing (**ICBSLP-2018**).
- **Two times runner-up in Bangladesh Mathematical Olympiad (BdMO)**  regional phase and 1 time champion in **National Earth Olympiad (NEO)** arranged by **BYEI**. 
- Executive member of “**SUST Natural Language Processing (NLP) CLUB**”  (developer).

Leadership Experience :

- **Team Lead** in kit and souvenir team for arranging **CSE Reunion & ICBSLP-2018**.
- Worked as an **active member** and teaching assistant in **KIN**, a voluntary organization of SUST.

References:

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