

Indranil Biswas

EDUCATION

- 2016 – 2020 **Computer Science and Engineering: 7.21/10.0**
BACHELOR OF TECHNOLOGY
NIT Agartala, Tripura- India
- 2014 – 2016 **Julien Day School, Kolkata**
HIGH SCHOOL
ISC: 94.5%

WORK EXPERIENCE

JUNE 2020 – PRESENT

Data Scientist
Stylumia

Application of ML in Fashion Intelligence. Worked on Information Extraction and Search Engine Optimization.
Technology bucket: Python, Elasticsearch, Docker, PyTorch, GCP.

DECEMBER 2018 – FEBRUARY 2019

Software Developer (remote)
Bitbucket

Crux of this internship was to deliver auto completion and smart suggestion features to documentation interface.
Technology bucket: Python, Django, Pytorch.

MAY 2018 – JULY 2018

Research Intern
IIT Bombay

In Ekalavya, under the guidance of Prof. D. B. Phatak. Our work focused on technological solutions to equalize the quality of education provided across India. I worked on delivering solutions like Peer Assessment, Personalized Content Delivery and Web-based 3D interactive animations[1], as a contribution to personalized education.

Technology bucket: Java, TensorFlow.js, Node.js, Python, Apache Cassandra, three.js, OpenRAP.

COMMUNICATION SKILLS


- ENGLISH Oral: Proficient – Written: Proficient
- FRENCH Novice
- HINDI Oral: Proficient – Written: Intermediate
- BENGALI Native Speaker


ACHIVEMENTS


- 2019 **Surpassing LIAR benchmark**
With the introduction of fuzzy classification on LIAR
- 2019 **SIH'19: Samsung R&D-Reduction of Carbon Footprint**
Our team's novel idea for reduction of Carbon Footprint was chosen for the Grand Finale: Software Edition [1][2].
- 2014 **Indian National Mathematical Olympiad**
Qualified for NMO after a breakthrough at RMO.


SKILL IN TECHNOLOGY

- PRIMARY SKILLS: Python, C++, Java, Django, Machine Learning, NLP, Pytorch
- SECONDARY SKILLS: NoSQL-Apache Cassandra & MongoDB, MySQL, Git, Tableau, SAS, Octave, AngularJS, Docker, Handling EC2 and Lightsail instances and S3 services

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 glitch401.github.io

PROJECTS

- 2020 **Entity Extraction from Legal Documents**
Given a legal document-currently rental- Outputs extracted information like Parties involved, Agreement tenure and Agreement Value.
- 2020 **RSNA Pneumonia Detection Challenge**
In form of a Kaggle challenge to automatically detects potential pneumonia cases given a chest X-Ray.
- 2019 **Fake News Detection on LIAR**
As, a final year project with batch-mates. Focused on benchmarking on LIAR dataset.
- 2019 **Automatic Subjective Question Answering & NCERT QnAs: a new Dataset**
Answering subjective questions occurring in every-day exams. Which in-turn aids to automated subjective answer evaluation.
- 2018-19 **Mobile Virtual Trial Room (under-progress)**
Real time mesh masking on humans through pose detection. As an application for users to experience virtual trial room on online shopping websites.
- 2017 **Generic Indian Signpost translation**
A real-time application to translate signposts in 30 different Indian languages.

OPEN-SOURCE CONTRIBUTION

- Shogun-toolbox
- aimacode-python

CO-CURRICULAR

AUGUST 2016 – PRESENT

Robotics Club, Tech Lead

Developing various projects, ranging from the development of bipeds to quad-copter and from trivial RC-Cars to autonomous bots for code-o-soccer. Robotics Club has been an integral part of my undergrad. Life, from developing innovative projects to mentoring juniors.
Events participated: e-Yantra, ABU Robocon'18, Kshitij.