

SOUMIK KUMAR NANDI

Computer Science Undergraduate

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ABOUT ME

A versatile, analytical and hardworking, Computer Science undergraduate, with a practical “get the things done” approach, who always preserves to achieve the best results. Passionate about Artificial Intelligence Systems and Data Science, ready to work with anyone and learn from anybody

EXPERIENCE

Data Science Intern

Rebaca Technologies

Mar 2019 – Jun 2019

- Anomaly Detection in Real Time Networks using Deep Learning Based Techniques.
- Developed Log Parser from scratch which parsed different network logs to extract network metrics for further evaluation.

Product Developer

Rebaca Technologies

Aug 2019 – Nov 2019

- Worked and contributed being the youngest developer for ABot - a Test Orchestration Framework for 3GPP compliance testing and bench-marking 3G/4G networks.

Computer Vision Intern

Center for Development of Advanced Computing, Govt of India

Jul 2019 – Nov 2017

- Used sophisticated Deep Learning and Image Processing algorithms to efficiently classify whether a water sample is safe to drink or not.
- Analysed not only the presence of bacterial colonisation but also classified each clusters.

Deep Learning Intern

Indian Institute of Technology, Roorkee

Mar 2020 – Ongoing

- Positional Invariant Framework for Sign Language Recognition using Deep Neural Networks.

Technical Expertise

Programming Languages

- PYTHON (2yrs+)
- C++ (3yrs+)
- C (3yrs+)
- Artificial Intelligence: Machine Learning/Deep Learning (2yrs+)
- Image Processing/Neural Networks (2yrs+)

PUBLICATIONS & MENTIONS

- English For Specific Purposes - Journal of English Language and Teaching.
- An end to end Approach for benchmarking time-series models using Autoencoders - Springer AISC book series (SCOPUS indexed).
- Founder - Cross Validate Analytics (www.crossvalidate.org).

- Co-Founder - Zero Dollar Security (www.zerodollarsecurity.in).
- Researcher - Heads the Machine Learning and Analytics. research community at Innovation and Entrepreneurship Development Cell, funded by DST, Govt of India.
- Member - English Language Teacher's Association of India.

LIFE PHILOSOPHY

“Do not fear failure but rather fear not trying.”

HOBBIES

Guitarist

Athlete

Blogger

Teacher/instructor

Melomaniac

Cooking

STRENGTHS

Hard-working

Persuasive

Decision making

Strategic thinking

Image Processing

Deep Learning

Neural Networks

Automation (Selenium)

Machine Learning

Data Science

Time Series Modelling

LANGUAGES

English

Hindi

Bengali



EDUCATION

- B.Tech Computer Science & Engineering, (8.2 GPA)

Institute of Engineering and Management

2017 – 2021

Kolkata

- AISSCE, (90.4%)

DAV Model School

2017

Durgapur

- AISSE, (9.6 GPA)

DAV Model School

2015

Durgapur