

Avranil Basu

I have a keen interest in problem solving and building data driven intelligent products to solve business problems.

EXPERIENCE

Convergitycs Soln Pvt. Ltd, Bangalore — *Data Scientist*

JUNE 2018 - PRESENT

- Working on a Time Series Forecasting Project for a leading Indian Consumer Goods Company.

INTERNSHIP

Convergitycs Soln Pvt. Ltd, Bangalore — *Data Scientist Intern*

OCTOBER 2018 - MARCH 2019

- Worked on a price optimization project for a leading Indian consumer goods company by implementing choice modelling on sales data.
- As an individual contributor worked on a demand forecasting project to reduce inventory cost & stock out for one of the top Indian Jewellery Chain. Developed an end to end pipeline from data ingestion to model building for 13000 SKU's using fbprophet library and hyperopt for optimization.

EDUCATION

Govt. College of Engg. & Ceramic Technology, Kolkata — *B. TECH*

AUGUST 2015 - MAY 2019

Completed B.TECH in Information Technology with 8.44 DGPA

Nava Nalanda High School, Kolkata — *Higher Secondary*

2013 - 2015

Completed Higher Secondary with 80.4% marks in science stream.

Nava Nalanda High School, Kolkata — *Secondary*

2001 - 2013

Completed Secondary with 85% marks in aggregate.

PROJECTS

Fraud Detection

Developed a Fraud Detection Framework in Financial Payment Services over a synthetic financial dataset having over 6.5 million financial transactions with 76 % recall using Logistic Regression, Decision Tree, Naive Bayes, KNN.

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TOOLS & TECHNOLOGIES

PROFICIENT

Python | Scipy Stack |
Scikit-Learn | Matplotlib |
Seaborn | Plot.ly | Fbprophet |
Gradient Boosting Trees

FAMILIAR

Tensorflow | R | SQL | Core
Java | TextBlob

TECHNICAL SKILLS

Data Science | Machine
Learning | Time Series
Forecasting | Data
Visualization | Data Analysis |
Data Wrangling | Data
Cleaning

ACTIVITY

Student Placement

In-Charge, Govt. College of
Engg. & Ceramic Technology

JULY 2017 - MAY 2019

General Secretary, GCECT
Students' Welfare Association

OCTOBER 2017 - DECEMBER 2018

Secretary, GCECT Tech Club

NOVEMBER 2016 - SEPTEMBER 2016