

# Anoushkrit Goel

Data Scientist

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## Links & Details

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[anoushkritgoel.com](https://anoushkritgoel.com)

DOB: 04 June 1997

Gender: Male

## Skills

### Deep Learning

scikit-learn, pandas, scipy, wfdb,  
SQL, Tensorboard, matplotlib, plotly,  
neurokit, Verilog

### Languages

C, Python, Java, MATLAB

### Frameworks and Other

Tensorflow, pytorch, ONNX,  
Google Cloud Platform (GCP)  
Microsoft Azure, Power BI  
Adobe Illustrator

### Others

Markdown, Git, LaTeX

## Education

2015-2019

### Bachelor of Technology

Electronics and Communication  
Engineering  
Shiv Nadar University

2013-2015

### Intermediate

Delhi Public School Ghaziabad  
Percentage: 92.4%

2011-2013

### High School

Delhi Public School Ghaziabad  
Percentage: 100%

## Hobbies

Swimming, Basketball  
Portrait Making, Sketching  
Guitar, Mentoring  
Designing and Optimizing Various Tasks

## Experience

2020 - PRESENT **Head Data Scientist**

**Tensr.AI**

Developing a standalone, Healthcare AI Assistant with a proprietary Device that can triage Cardiovascular and Respiratory Diseases based on the captured Bio-medical Signals of the Individual.

- Designing, prototyping, manufacturing our proprietary device to capture the biomedical signals.
- Annotations of Biomedical Signals (SCG, ECG, PPG, and PCG)
- Inter-wave transitions between ECG and SCG to determine correlations.
- Predictions and Forecasting of combined ECG and SCG waveforms.

*python, pytorch, tensorflow 2.0, pandas, Data Preparation, Numpy, Scipy*

2019 - 2020 **Data Scientist**

**xtLytics LLC**

- **CADtnet** CADtnet: Developed an edge-based AI app for the Low Middle Income Countries to Triage Breast Cancer using Ultrasound Images. [Mar'19 - Dec'19]
- **SOTA Invoice OCR** using GCP and Tesseract which extracts Tables and further transforms the data inside those tables to desired account sheets [Oct'19 - Dec'19]
- Creating Dashboards and insights for Clients using IBM Watson, SAS, Power BI. [Jan'19 - Mar'19]

*python, tensorflow 2.0, tensorflow lite, pandas, numpy, Scipy, u-net, Data Preparation, architectures (resnet50, mobilenet, detectron, alexnet, etc)*

## Projects

### Teresa 2.0: Biomedical Text Analytics

JAN'19

Artificially Intelligent Healthcare Assistant (Biomedical Text Analytics Tool) build using python which takes name of database, research papers, and topic as the input and outputs visualization and insights to the researchers.

### Teresa: A Digital Auscultation Device

JAN'19 - DEC'19

A Digital Auscultation Device which placed over the neck provide various bodily characteristics including heart rate, breathing amplitudes, and speech. Using **STM32F767ZI** and Sequence Models.

### Stock Price Forecasting

FEB'18

Predicting inter-day SP Close value from NYSE stocks (1998-2008) from a database containing multiple listing with the output label.

### Predictive Otology

JAN'18

Classifying human ear drum/canal images into types of ear infections.

## Certifications

AUG 2019 **Deep Learning Specialization**

**WXBN3CDY3J33**

MAY 2020 **Sequences and Time Series Prediction**

**LFNALX5FJ8SS**