

# ANOOP MUSALE

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## Software DEVELOPER

Problem solving abilities, analyzed, researched and developed software solutions. My five years of college/ independent project experience in C, Java, HTML, CSS and JavaScript, helps me achieve it.

## SKILLS

**Languages:** Java, C, Python, JavaScript, HTML 5, CSS 3, MySQL, PostgreSQL, MongoDB.

**Framework, Tools & OS:** NodeJS, TensorFlow, Git, Linux, Numpy, Pandas, Keras, Scikit-Learn, Matlab

## EDUCATION

**State University of New York, Binghamton**

August 2017 – May 2019 (Expected)

Master of Science in Computer Science.

**Fr. Conceicao Rodrigues College of Engineering,**

August 2013 – May 2017

Bachelor of Engineering in Information Technology.

## PROJECTS

### Titanic: Machine Learning from Disaster

- Pre-processed the training and test data by filling the missing data, normalized multiple attributes using Euclidean metric.
- Applied multiple classification models: Decision Tree, Random Forest, Logistic Regression, Naïve Bayes, SVM and KNN. Analyzed performance of each model on the same data set. Language used: Python

### Time Series Product Prediction

- Predicted quantity of each product sold for next 29 days based on the given data.
- Trained a LSTM model with 7 layers each with 70 neurons, optimizer: adam, 2000 epochs, 24 batches. Language used: Python

### CPU Simulator

August 2017 – November 2017

- Developed a CPU simulator, that reads the instructions and gives the result for the given number of cycles.
- Implemented in Java.

### Adaptive Boosting

March 2017 – April 2017

- Implemented multiple classification algorithms (SVM and SCPTA) on the given data of 100,000 patients with symptoms of cancer.
- Implemented in Python.

### Cancer Recognition

January 2017 – February 2017

- Implemented decision tree classification algorithm on the given data of 70,000 patients diagnosed with cancer.
- Implemented in Python.

### Question Paper Generator

January 2016 – April 2016

- Developed and designed a web service helps users to create mock question papers. It helps students practice and teachers to generate question papers in few clicks.
- Implemented in Java, JSP, CSS3 & MySQL.

### James Bond Fan Website

January 2016 – April 2016

- Developed a website for James Bond fans to share images, videos and views. Website provides all the information about the movie. Along with the box-office and Blu-Ray earnings.
- Implemented in HTML, CSS and JavaScript.