



Suraj Bhosale

Physicist

In search of career that expands frontiers of my knowledge continuously

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EDUCATION

M.Sc (Physics) Shivaji University Kolhapur

07/2015 - 06/2017

6.21 CGPA

Specialization

- Solid State Physics

B.Sc (Physics) Shivaji University Kolhapur

06/2012 - 06/2015

72.72 %

WORK EXPERIENCE

Mathematical Modeler & Analyst Thomas Aero LLP

11/2020 - 02/2021

Trivandrum

Tasks

- Performing simulations and get results from Simulink
- Analyzing Control techniques of UAV
- Analysis of Control Algorithms and Codes

SKILLS

Programming and Simulation Skills (C++, MATLAB, Wolfram, Root, Python, R, Julia, Scala)

Analytical Attitude

Teamwork

Scikit-Learn

Theano

Photovoltaic Systems

Data Visualization

Keras

Tensorflow

Graphene

Pandas

Geospatial libraries

Machine Learning

Editorial Skills

Pyspark

Plasma Physics

Problem Solving

Numpy

Scipy

matplotlib

Fuel Cell

Critical Thinking

Metallurgy

Thin Film

Communication Skills

Mineralogy

Scientific and Technical Writing

Supercapacitor

Material Characterization (SEM, XRD, XPS , UV-Vis, FT-IR, EDX)

LANGUAGES

English



Spanish



INTERESTS

Reading

Astrophysics

Cosmology

Exploration

High Energy Physics