

SCAAI Research Internship

External

Inbox x



Ketan Kotecha <head@scaai.siu.edu.in>
to me, Shruti ▾

Fri, Jan 7, 3:26 PM (3 days ago)



Dear Arundarasi,

Greetings from Symbiosis Centre for Artificial Intelligence, SIT Pune.

Based on your application and the interview conducted at SCAAI lab, we are glad to inform you that you have been selected as a SCAAI Research Intern for the tenure of 6 months (10th January 2022 to 30th June 2022). It would be an unpaid internship. Dr.Shruti and Dr.Shilpa would be coordinating with you. You are expected to work full time for this research work and publish a minimum of two Q1 research papers.

Regards,

Dr K Kotecha
Head, SCAAI



Arundarasi Rajendran

CONTACT DETAILS



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INTRODUCTION

I am a data science and business analytics enthusiast who loves exploring into machine learning, and deep learning. I am willing to take up challenges and learn from them. I am seeking for this position where I can hone my skills.

BEHAVIORAL SKILLS

- Team work
- Leadership
- Time management
- Communication skills
- Adaptability

TECHNICAL SKILLS

- Languages: C, Java, Python, R and Shell Scripting
- Databases: MySQL, NoSQL
- Skills: Machine Learning, Deep Learning, Tableau, Big Data

TRAINING/WORKSHOPS

- Python Udemey Course
- Deep Learning Workshop
- Internshala Machine Learning Course
- AI and Machine Learning Workshop by Vodafone

EDUCATION BACKGROUND

Symbiosis Institute of Technology | Pune, Maharashtra

B.Tech Computer Science & Engineering

POSITIONS OF RESPONSIBILITY

Head of Prizes and Accolades

March 2021 to April 2021

Worked on designing the certificate template

- Coordinated with teachers to get the appropriate signatures from
- our college authorities and team volunteers for making the certificates Distributed the certificates for heads, co-heads, and
- volunteers that were part of the Techela 6.0

Head of Ek Bharat Shreshtha Bharat club

December 2020 to August 2021

- Organized events for the club which included initiating activities related to understanding India's cultural diversity and history
- Collaborated with club members to execute the event on time and getting all the work done for the event

WORK EXPERIENCE

Data Science & Business Analytics Intern at The Sparks Foundation

- Completed exploratory data analysis task on Indian Premier League dataset using Python language. As a sports analyst, I had to find out the most successful teams, players and factors contributing to the win or loss of a team. Also, suggest teams or players a company should endorse for its products. I explained the insights I gathered from the analysis.

PROJECTS

Diabetes prediction

- Predicted if a person is diabetes or not when given the person's age, BMI, insulin, and many more factors. In this project, I used Naive Bayes and logistic regression algorithms and compared their performance scores.

Telecom User Churn Prediction

- In this project, I used two algorithms, which are decision trees and logistic regression to predict if a telecom user churns or not and compared their performance scores. I used R programming for data preprocessing, exploratory data analysis, data visualisation, and getting correlation.

Heart Attack Prediction

- Using logistic regression algorithm, I predicted patients who were likely to have heart attack based on their personal data and evaluated their performance scores.

Research Paper on extremism detection based on US capitol riot tweets

- This is my final year project. I collected tweets related to US presidential elections in 2020 and performed sentiment analysis on them. Afterwards implemented deep learning models such as LSTM and BERT to detect those tweets as radicalism, propaganda, recruitment, or non-extremism.