

Sumith Sunil Pevekar

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University of Southern California's student enrolled in computer science with 2 years of experience in computer programming and data science. Seeking to leverage software development skills and forecasting abilities to become a software engineer at a reputed firm.

Education

University of Southern California

August 2022–May 2024

Master of Science in Computer Science

Los Angeles, USA

Vidyalankar Institute of Technology

July 2018–July 2022

Bachelor of Engineering in Computer Engineering. GPA : 9.53/10.00

Mumbai, India

Experience

Department of Computer Engineering, VIT

June 2021–August 2021

Machine Learning Intern

Mumbai, India

- Utilized analytical and technical expertise to deliver insights and suggestions for department's progress.
- Devised the "Applicant Eligibility System" for the department with **93.5% precision** that takes the applicant's profile as an input and predicts whether an applicant will get hired or not along with the salary a person might receive after getting placed in a company.
- Performed data analysis to find that placement of candidates was highly correlated with academic qualification as well as experience of that candidate in that field.

Virtually Testing Foundation

January 2021–March 2021

Cybersecurity Intern

Los Angeles, United States

- Acquired practical knowledge and hands-on experience with virtual machines.
- Updated and launched firewall policies, and overall network security using VMware's "Hands-On Labs" portal.

PackBagbuddy LLP

December 2020–February 2021

Web Development Intern

Ahmedabad, India

- Analyzed bugs in the original website and created new database schema for the same running website.
- Developed Firebase based database model to improve the website performance.

Cloud Counselage Limited

March 2020, June 2020–July 2020

Web Development Intern

Mumbai, India

- Developed a chatbot which answers all the queries of the interns recruited by the company.
- The chatbot saved intern's as well as company's time as it answers all the queries instantly.

Technical Skills

Languages: Python, C, HTML, CSS, JavaScript, SQL, JavaScript

Frameworks: Keras, Tensorflow, NLTK, OpenCV, Spacy, Scikit-learn, Pandas

Tools: Git, Postman

Cloud Platforms: AWS

Projects

Consumer Purchase Intention Detector | Python, Machine Learning, Natural Language Processing



- Developed SVM and LSTM based models to find the purchase intention of the customer towards a product using Twitter tweets. The model achieved an overall average accuracy of **76.9%**.

Text Auto Correct | Python, Natural Language Processing



- The model finds the best match for the incorrect word and returns the 5 most similar words ordered by similarity and probability. The similar words are sorted according to Jaccard distance.

Heart Disease Prediction System | Python, Computer Vision, Signal Processing



- Created a Logistic Regression model with **81.96% performance** which uses features such as maximum heart rate, resting blood pressure, cholesterol, gender, and age to determine if a person has heart disease or not.

Publications

Google Scholar

- Sumith Pevekar**, Aayush Pandey, Naresh Alwala, Prof. Prakash Parmar. 'A Machine Learning based Approach for Determining Consumer Purchase Intention using Tweets', 2021. International Journal of Engineering Research Technology (IJERT).
- Sumith Pevekar**. 'Forecasting INR Exchange Rate Against USD, GBP, JPY, SGD, EUR, AED using Machine Learning', 2021. EPRA International Journal of Research Development (IJRD).