

# Sumith Pevekar

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## EDUCATION

### University of Southern California, Viterbi School of Engineering

Master of Science in Computer Science

May 2024

Los Angeles, California

### Vidyalankar Institute of Technology

Bachelor of Engineering in Computer Engineering. GPA : 9.55/10.00

July 2022

Mumbai, Maharashtra

## EXPERIENCE

### Department of Computer Engineering, VIT

#### Machine Learning Intern

June 2021–August 2021

Mumbai, Maharashtra

- Utilized analytical and technical expertise to deliver insights resulted in department's progress
- Pioneered "Applicant Eligibility System" for the department, resulted in placement prediction of a candidate with **93.5%** accuracy
- Reduced department's dependency on third party software, deducting expenses by **50%**

### MedTourEasy Limited

#### Data Science Trainee

January 2021–February 2021

Gurugram, Delhi

- Implemented a project that analyzed a dataset based on health and fitness and discovered inconsistencies in the data
- Optimized the prediction accuracy of products by **15%** by cleaning and improving the datasets; helped to make better predictions

### PackBagBuddy LLP

#### Web Development Intern

December 2020–February 2021

Ahmedabad, Gujarat

- Analyzed bugs in the website that caused underperformance; led to the development of a new database schema for the website
- Developed Firebase-based database model to improve the sites performance; helped reduce response time of the website by **40%**

### Cloud Counselage Limited

#### Web Development Intern

March 2020–July 2020

Mumbai, Maharashtra

- Initiated a chatbot used for answering all the queries of the interns of the company, reducing company's expenses by **20%** on the overall project through a **30%** decrease of staff allocation
- Drafted a RAID log document for future maintenance, resulted in helping the company and future developers to track risks, assumptions, issues and task dependencies in project

## TECHNICAL SKILLS

**Languages and Tools:** Python, C, HTML, CSS, JavaScript, SQL, JavaScript, Git

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

## LEADERSHIP

### Computer Society of India, VIT

#### Technical Head

2020–2021

Mumbai, Maharashtra

- Supervised a team of 12 people responsible for conduction of workshops, events, lectures and competition
- Planned and hosted technical and non-technical events, lectures, and webinars, leading to the development of committee

### TEDxVIT

#### Event Head

2021

Mumbai, Maharashtra

- Produced a plan along with the convener to manage the event and helped in the seamless execution of event
- Ensured that performers and speakers have everything they require and are aware of their cues

## PROJECTS

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

- Devised SVM and LSTM based models to find the purchase intention of the customer towards a product using Twitter tweets, achieving an overall average accuracy of **82.9%**.

### Heart Disease Prediction System | Python, Machine Learning

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