Sumith Pevekar

📞 213-561-8743 ✉ pevekar@usc.edu in sumithpevekar ⌂ sumith-pevekar ⚲ Los Angeles, CA 90007

EDUCATION

University of Southern California, Viterbi School of Engineering   **May 2024**
Master of Science in Computer Science   *Los Angeles, California*

Vidyalankar Institute of Technology   **July 2022**
Bachelor of Engineering in Computer Engineering.   *Mumbai, Maharashtra*
GPA: 9.55/10.00

EXPERIENCE

Vidyalankar Institute   **June 2021–August 2021**
Machine Learning Intern   *Mumbai, Maharashtra*
- Pioneered KNN based "Applicant Eligibility System" with **93.5%** accuracy for the department which helped the placement officer to anticipate job placement of candidates in a company
- Reduced department's dependency on third-party software, thereby deducting expenses by **50%**

PackBagBuddy LLP   **December 2020–February 2021**
Web Development Intern   *Ahmedabad, Gujarat*
- Analyzed bugs in the website that caused it to underperform and designed a new database schema using **Lucidchart** to improve the site's responsiveness and performance
- Developed Firebase-based database model for the site which helped reduce response time of the website by **40%**

Cloud Counselage Limited   **March 2020–July 2020**
Web Development Intern   *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++, PHP, JavaScript, Node.js, HTML, CSS, SQL, Git, Jenkins, Postman
  Frameworks and Cloud Platforms: Keras, Tensorflow, Pytorch, OpenCV, NLTK, Spacy, Scikit-learn, Pandas, VMWare, AWS, Firebase

LEADERSHIP

Computer Society of India, VIT   **July 2020–March 2021**
Technical Head   *Mumbai, Maharashtra*
- Supervised a team of 12 people who were responsible for conduction of workshops, events, lectures and competition
- Planned and hosted technical events, lectures, webinars, and looked the technical aspects of the committee

TEDxVIT   **February 2021 - June 2021**
Event Head   *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

Water Portability Tester using RFC | *Python, Machine Learning*   **March 2022–August 2022**
- Implemented a Random Forest Classifier model with **90.40% performance** using features such as ph, hardness, solids, chloramines, sulfate, etc. to determine if the water is potable.

Heart Disease Prediction System | *Python, Machine Learning*   **December 2021–February 2022**
- 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.

Consumer Purchase Intention Detector | *Python, Machine Learning, Natural Language Processing*   **January 2021–February 2022**
- 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%** .