Madhavi Jaival

Sunnyvale, California| Email: madhavi.jaival113@gmail.com|+17089730205|Linkdin|Github

OBJECTIVE:

Motivated and versatile computer science graduate student seeking an intern role. Enthusiastic about learning new technologies and enjoy working with projects which are outside of my comfort zone. Proficient in java programming and problem-solving.

Academic Background:

MS in computer science (California State University, Northridge, CA)   **Jan 2021 - Present**
Coursework: Data structure and algorithm, Data Mining, Advance computer Network.

BE in Computer Engineering (Savitribai Phule Pune University, Pune, India)   **Aug 2016 - Jul 2019**
Coursework: Data Structure, Object-Oriented Programming, Software Testing, Web Technology,
Artificial intelligence, Machine learning, Data analytics, IoT, Software Engineering, Software Testing

Technical Skills:

- **Programming Languages:** Java|JavaScript|C++|SQL |HTML|CSS
- **Machine Learning:** Scikit-Learn|Open-CV|Pandas|NumPy|Keras|TensorFlow|Matplotlib
- **IDE:** IntelliJ IDEA|Jupyter Notebook|Eclipse

Academic Projects:

Optical Character Recognition   **Jan 2021 - May 2021**
- Created a model based on the neural network (CNN and RNN) to recognize handwritten characters from the English language.

Accident prevention by Drowsiness Detection system.   **Jan 2018 - May 2019**
- Implemented a system using Raspberry-Pi and Image Processing which can accurately monitor the driver's fatigue condition and alert the driver from the accident.

Intruder Alarm System.   **Jan 2016 - June 2016**
- Implemented an integrated burglar system that can monitor on PC also successfully worked as smart detection and positively stopped trespassers.

Certification and License:

- Certified the test of Course on Computer Concept (CCC) by the National Institute of Electronics and Information Technology, February 2014.
- Certified as Microsoft Office Specialist by Microsoft, May 2013

Presentation:

- Presented a research paper entitled "Accident Prevention by Drowsiness Detection using Machine Learning" at International Conference on Recent Innovations in Engineering and Technology (ICRIET-19). Paper ID CO008, February 2019