

# Shreya Kashi

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## Education

### **Oregon State University**

*Master of Science, Computer Science; GPA: 3.75/4*

Oregon, US

**2022 - present**

### **Manipal Institute of Technology**

*Bachelor of Technology, Electronics and Communication; GPA: 8.4/10*

Karnataka, India

**2016 - 2020**

## Skills/Relevant Courses

- Programming languages: Python, C++, Javascript
- Frameworks and tools: PyTorch, Angular, GIT, Agile(Scrum), Linux
- Courses: Human Computer Interaction, Data Structures and Algorithms, Deep Learning, Natural Language Processing, Signal Processing

## Work Experience

### **Oregon State University, School of Electrical Engineering and Computer Science**

*Research Assistant; Advisor: Dr. Alan Fern*

Working on DARPA's Machine Common Sense project to detect violation of expectation in simulated video input data.

Oregon, US

**Sept 2022 - present**

### **Deloitte**

*Analyst*

- Designed and deployed applications enabling customers to manage their energy subscriptions with ease.
- Researched ways to improve customer experience through data analysis.
- Led the team on multiple instances and collaborated with different functional units for smooth and timely delivery of project goals.

Bengaluru India

**2020-2022**

### **Sleepiz, Inc.**

*Signal Processing Intern*

- Researched and implemented algorithms for contact-less breathing-rate detection to be used in the diagnosis of sleep-related disorders. Used Signal Processing techniques in Python to compare different algorithms for the same and illustrated the most accurate one.
- Developed a signal quality module using linear regression which estimated the quality of the given signal with an accuracy of 94%.

Pune India

**May - Sept 2020**

### **Indian Institute of Science**

*Research Intern*

Enhanced the accuracy of water body detection in satellite images by employing super-resolution techniques to improve image resolution. Fine-tuned Mask RCNN model to detect water bodies in the processed images.

Bengaluru India

**May - June 2019**

### **Teach Code for Good**

*President*

Managed a team of 15+ volunteers in delivering computer and programming education to underprivileged children, overseeing the planning, design, and execution of the curriculum and teaching sessions.

Manipal, India

**2018-2019**

## Awards

### ***Applause Award - Deloitte***

For highlighting risks in a preemptive manner helping the team mitigate a lot of issues and showcasing exceptional communication & collaborative skills

### ***Applause Award - Deloitte***

For for delivering high-quality code and unit test coverage

### ***EU CX Hackathon 2nd place - Exelon***

For developing a prototype for improving the website's search functionality using Google Analytics data