

Shreya Kashi

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🐙 github.com/ShreyaKashi

Education

Oregon State University

Master of Science, Computer Science; GPA: 3.8/4

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: Data Structures and Algorithms, Deep Learning, Natural Language Processing, Signal Processing, Parallel Programming, Human Computer Interaction, Computer Graphics

Work Experience

Oregon State University, School of Electrical Engineering and Computer Science

Research Assistant; Advisor: Dr. Alan Fern

Actively involved in DARPA's Machine Common Sense initiative, focusing on detecting violations of expectation in simulated video input. Working on a robust framework using an interaction-based approach and an hourglass network to predict object dynamics.

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 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