

# Shreya Kashi

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## Education

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2022 - Present	Master of Science, Computer Science Oregon State University, Oregon, US
2016 - 2020	Bachelor of Technology, Electronics and Communication Manipal Institute of Technology, Karnataka, India <ul style="list-style-type: none"><li>CGPA: 8.4/10</li><li>Minor specialization in Signal Processing</li></ul>

## Work Experience

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2020-2022	<b>Deloitte</b> , Bengaluru India <i>Analyst</i> <p>Create apps that allow customers to manage their energy subscriptions.</p> <ul style="list-style-type: none"><li>Develop new features using the Angular framework</li><li>Research ways of using available data to enhance customer experience</li></ul>
May - September 2020	<b>Sleepiz, Inc.</b> , Pune India <i>Signal Processing Intern</i> <ul style="list-style-type: none"><li>Researched and implemented algorithms for contact-less breathing-rate detection to be used in the diagnosis of sleep-related disorders. Used Signal Processing techniques to compare different algorithms for the same and illustrated the most accurate one.</li><li>Developed a signal quality module using linear regression which estimated the quality of the given signal with an accuracy of 94%.</li></ul>
May - June 2019	<b>Indian Institute of Science</b> , Bengaluru India <i>Research Intern</i> <p>Improved the water detection model in satellite images. Used super-resolution to increase the resolution of the images which were then passed through a Mask RCNN to detect water bodies.</p>

2018-2019

**Teach Code for Good**, Manipal Karnataka India  
*President*

Taught computer and programming skills to underprivileged children. Managed a team of 15+ volunteers and planned the teaching program.

May - June 2018

**Indian Space Research Organisation**, Bengaluru India  
*Research Intern*

Fine tuned a FRCNN model to create bounding boxes around water bodies in satellite images.

## Awards

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2022

Applause Award - *Deloitte*

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

2021

Applause Award - *Deloitte*

For for delivering high-quality code and unit test coverage

2021

EU CX Hackathon 2nd place - *Exelon*

For our idea of improving the website's search functionality using Google Analytics data

## Courses and Certifications

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- Linear Algebra for Signal Processing
- Advanced Digital Signal Processing
- Computer Vision
- Deep learning specialization
- Discrete Optimization