



# Shreya Sen

## Date of birth

18th July, 2002

## Nationality

Norwegian

+47 46277841

Hagalia 31  
3219 Sandefjord

shreyasarchilab.com

S.Sen-4@student.tudelft.nl

https://www.linkedin.com/in/shreya-sen-09347918b/

## Profile

I am a highly motivated first-year Masters student in Architecture at TU Delft with the objective of learning to develop responsible architecture receptive to the needs of the built environment today. I am ambitious, committed and hardworking, with an array of experiences in research-oriented, collaborative projects. As an international student, I bring a unique perspective, enriched by my exposure to both Scandinavian and Dutch architectural and design practices. I'm also open to cross-disciplinary exploration, eager to expand my horizons in the field.

## Design/IT

### Modelling & Scripting

Rhinoceros ██████████  
Grasshopper ██████████  
Sketchup ██████████  
Enscape ██████████

### Design

Photoshop ██████████  
InDesign ██████████  
Illustrator ██████████  
Hand-sketching ██████████

### Others

MS Office ██████████

## Languages

Dutch ★★★★★  
English ★★★★★  
Norwegian ★★★★★  
Hindi ★★★★★  
Bengali ★★★★★  
German ★★☆☆☆

## Education

Delft University of Technology   Delft	Present
MSc Architecture	
ETH Zürich   Zürich	2022
BSc Architecture   Student Exchange Program	
Delft University of Technology   Delft	2020 - 2023
BSc Architecture, Urbanism & Building Sciences, Cum Laude and Honours	
Skagerak International School   Sandefjord	2017 - 2019
High School Diploma, International Baccalaureate Physics HL, Mathematics HL, Visual Arts HL	

## Experience

Shortlisted Competition Entry   European 17 Norway	Present
The project entry, titled "Bridging the Gap - Library as an Urban Connector," is focused on reestablishing the link between Larvik city's center and harborfront. Our proposal advocates for a progressive and inclusive strategy, fostering active community involvement in the process.	
Honours Program Researcher into Human-Robot Collaboration in Digital Fabrication for Architecture   TU Delft, ETH Zurich	Present
In partnership with TU Delft and ETH Zurich, our research explores how robotic precision, modularity, and automation can shape advanced architectural solutions, while also addressing questions about the future of construction and architectural applications and the impact of human-robot collaboration.	
From Harbour to Health   TU Delft	Present
Developing a a proposal for a Bio-Medical Research facility at the Port of Rotterdam, emphasizing waste loop closure through local bio-waste water recycling, waste heat utilization, and plastic blue-wrap recycling.	
Teaching Assistant at Joint Interdisciplinary Program   TU Delft	Present
I am actively engaged in graphic design and in guiding fellow students in their tech innovation pursuits. The projects respond to real-world business cases across diverse fields from aviation to renewables to AI.	
START   TU Delft	Present
Disaster and Humanitarian Relief aid organization focused on developing earthquakeproof housing prototypes for the region of Hatay in Turkey	

**Student Assistant at Management in the Built Environment | TU Delft** 2022 - 2023

Undergraduate research assistant at Department Management in the Built Environment, exploring the possible impacts of COVID-19 and changed management methods on location choices within the real estate portfolio of the police.

**Bleizo West Noord Proposal | Municipality of Zoetermeer** 2022

Urban plan proposal chosen to be presented to the Municipality of Zoetermeer, Netherlands regarding a regional expansion plan in Bleizo West. The presentation dealt with the region's potential to become a multi-modal urban village and innovation hub.

## Publications

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**Rejuvenation in rural Ireland in response to the COVID-19 induced urban-to-rural migration phenomenon** 2021

Exploring the resilience of rural regions belonging to the Northern Periphery and Arctic Program—the challenges brought about by COVID-19 within their tourism sectors, and the opportunities for rural revival generated by the current shifts in workplace mobility.

Follow [link](#) to view articles and research papers

## Volunteer

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**University Tutoring** 2021

TentamenTraining.nl

**Green Haven** 2019

Assisting in site-analysis and redesigning a plot behind Skagerak International High School, that will be repurposed as a communal garden for students. The project received two rounds of grants from DNB.

**Brisbane Clinic Project** 2019

A commission of fourteen artworks for a newly renovated clinic in Brisbane, Australia to help create a cheerful atmosphere for the patients.

**Jill Sen Galleri** 2018 - Present

Founder member of Jill Sen Galleri. The initiative aims towards collaborating with NGOs, volunteer or private organizations to collect donations for areas around the world facing global issues by selling artworks. Partners include: Chief Minister's Flood Relief Fund in Kerala, India; NGO Memory Project; CRPF's Wives Welfare Association, India; UNICEF- for every child, Norway; Saving the Survivors, UK foundation; Natur og Ungdom in Larvik, Norway.

**Carryon.bike** 2018 - Present

Founder member of Carryon.bike, an online platform to help discover useful info related to the needs of biking and connect, network and collaborate with the experts in the global cycle community.