

# Anand Bhattad

PIXELS · PERCEPTION · PHYSICS

Assistant Professor of Computer Science · DSAI & Institute of Robotics  
Johns Hopkins University

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## — Research

Generative models look right without being right. My 3P Vision group builds the tools to tell the difference – to read out what they know and don't, and how to improve them – along three Ps:

**Pixels** – controllable generative models for relighting, compositing, and editing.

**Perception** – reading out the scene structure models implicitly know: intrinsics, geometry, and parts.

**Physics** – testing and enforcing physical and projective consistency, and carrying it to robots.

The group looks beyond generative models too: vision architectures, 3D perception, multisensory perception for embodied AI, and generative models for computational mechanics.

Keywords: Visual Generative Models; 3D Vision; Vision-based Robotics; Neural Rendering; Inverse Graphics; Intrinsic Images; Image-based Lighting; Physics Awareness in Large Vision Models.

## — Education

### University of Illinois Urbana-Champaign (UIUC), USA

Ph.D., Computer Science 2019 – 2024

Thesis: **Exploring Knowledge in Generative Models**

Thesis committee: **David Forsyth (Advisor)**, Alexei A. Efros, William T. Freeman, Derek Hoiem, Svetlana Lazebnik, Shenlong Wang

M.S., Computer Science 2017 – 2018

M.S., Civil Engineering 2015 – 2017

### National Institute of Technology Karnataka (NITK) Surathkal, India

B.Tech., Civil Engineering 2011 – 2015

## — Work Experience

**Johns Hopkins University**, Assistant Professor of Computer Science; core member of DSAI & the Institute of Robotics 2025 – present

**Toyota Technological Institute at Chicago**, Research Assistant Professor 2023 – 2025

**University of California Berkeley**, Visiting Scholar; Host: Alexei A. Efros 2024

**Allen Institute for Artificial Intelligence (Ai2)**, Research Intern with Aniruddha Kembhavi 2023

**Intel**, Research Intern with Stephan R. Richter in Vladlen Koltun's team 2021

**NVIDIA**, Research Intern with Andrew Tao and Bryan Catanzaro 2020

**Fyusion Inc**, Research Intern with Abhishek Kar and Rodrigo Ortiz Cayon 2019

**Siemens Corporate Technology**, Computer Vision & DL Intern with Jan Ernst 2017

**Michigan State University**, Research Intern with Nizar Lajnef 2014

**IIT Hyderabad**, Research Intern with Ramacharla Pradeep Kumar 2013

## — Selected Honors and Awards

<b>Best Paper Award in Robot Learning</b> , ICRA	2026
<b>Outstanding Reviewer</b> , ICCV	2023
<b>Best Paper Finalist</b> , CVPR	2022
<b>Outstanding Emergency Reviewer</b> , CVPR	2021
<b>Excellent Teaching Assistant</b> , Intro Computing: Engrg & Sci	2016

## — Selected Publications

*Self-selected publications (not necessarily the most cited work).*

- **Shadows Don't Lie and Lines Can't Bend! Generative Models Don't Know Projective Geometry...For Now**; CVPR 2024
- **StyleGAN Knows Normals, Depth, Albedo, and More**; NeurIPS 2023
- **Generative Models: What Do They Know? Do They Know Things? Let's Find Out!**; CVPR-W 2024
- **Visual Jenga: Discovering Object Dependencies via Counterfactual Inpainting**; NeurIPS 2025
- **Latent Intrinsic Emerge from Training to Relight**; NeurIPS 2024 (**Spotlight**)
- **Generative Blocks World: Moving Things Around in Pictures**; ICLR 2026
- **Do You Know Where Your Camera Is? View-Invariant Policy Learning with Camera Conditioning**; ICRA 2026 (**Best Paper Award in Robot Learning**)
- **DIVER: Real-time and Accurate Neural Radiance Fields**; CVPR 2022 (**Best Paper Finalist**)
- **LumiNet: Latent Intrinsic Meets Diffusion Models for Indoor Scene Relighting**; CVPR 2025
- **StyLitGAN: Image-based Relighting via Latent Control**; CVPR 2024

## — Papers Under Review

\* denotes equal contribution, and † indicates equal advising

4. **Thinking in Boxes: 3D Editing in Real Images Made Easy**  
Pradhaan S Bhat\*, Naveen Chandra\*, Rishubh Parihar, Vaibhav Vavilala, Venkatesh Babu, D.A. Forsyth, **Anand Bhattad**  
on arXiv
3. **SyncLight: Single-Edit Multi-View Relighting**  
David Serrano-Lozano, **Anand Bhattad**†, Luis Herranz, Jean-François Lalonde†, Javier Vazquez-Corral†  
on arXiv
2. **RATS! Patches Talk Through Registers: Emergent Parts in Register Attention Transformers**  
Timing Yang, Predrag Neskovic, Jansen Seheult, Wenchao Han, **Anand Bhattad**, Alan Yuille, Feng Wang  
on arXiv
1. **ViT5: Vision Transformers for The Mid-2020s**  
Feng Wang, Sucheng Ren, Tiezheng Zhang, Predrag Neskovic, **Anand Bhattad**, Cihang Xie, Alan Yuille  
on arXiv

## — Refereed Conference Papers

27. **SyncFix: Fixing 3D Reconstructions via Multi-View Synchronization**  
Deming Li, Abhay Yadav, Cheng Peng, Rama Chellappa, **Anand Bhattad**  
ECCV 2026

26. **Relighting as a Probe of Visual Priors via Augmented Latent Intrinsic**  
Xiaoyan Xing, Xiao Zhang, Sezer Karaoglu, Theo Gevers, **Anand Bhattad**  
ICML 2026
25. **Objects in Generated Videos Are Slower Than They Appear: Models Suffer Sub-Earth Gravity and Don't Know Galileo's Principle...for now**  
Varun Varma Thozhiyoor, Shivam Tripathi, Venkatesh Babu Radhakrishnan, **Anand Bhattad**  
CVPR 2026 (Findings)
24. **Name That Part: 3D Part Segmentation and Naming**  
Soumava Paul, Prakhar Kaushik, Ankit Vaidya, **Anand Bhattad**, Alan Yuille  
CVPR 2026 (Findings)
23. **Generalizable Sparse-View 3D Reconstruction from Unconstrained Images**  
Vinayak Gupta, Chih-Hao Lin, Shenlong Wang, **Anand Bhattad**, Jia-Bin Huang  
CVPR 2026
22. **Do You Know Where Your Camera Is? View-Invariant Policy Learning with Camera Conditioning**  
Tianchong Jiang, Jingtian Ji, Xiangshan Tan, Jiading Fang, **Anand Bhattad**, Vitor Guizilini, Matthew R. Walter  
ICRA 2026 (**Oral; Best Paper Award in Robot Learning**)
21. **Generative Blocks World: Moving Things Around in Pictures**  
Vaibhav Vavilala, Seemandhar Jain, Rahul Vasanth, D.A. Forsyth, **Anand Bhattad**  
ICLR 2026
20. **SPOTLIGHT: Shadow-Guided Object Relighting via Diffusion**  
Frédéric Fortier-Chouinard, Zitian Zhang, Louis-Etienne Messier, Mathieu Garon, **Anand Bhattad**, Jean-François Lalonde  
3DV 2026
19. **Improved Convex Decomposition with Ensembling and Boolean Primitives**  
Vaibhav Vavilala, Florian Kluger, Seemandhar Jain, Bodo Rosenhahn, **Anand Bhattad**, D.A. Forsyth  
3DV 2026
18. **VISUAL JENGA: Discovering Object Dependencies via Counterfactual Inpainting**  
**Anand Bhattad**, Konpat Preechakul, Alexei A. Efros  
NeurIPS 2025
17. **LUMINET: Latent Intrinsic Meets Diffusion Models for Indoor Scene Relighting**  
Xiaoyan Xing, Konrad Groh, Sezer Karaoglu, Theo Gevers, **Anand Bhattad**  
CVPR 2025
16. **ScribbleLight: Single Image Indoor Relighting with Scribbles**  
Jun Myeong Choi, Annie N. Wang, Pieter Peers, **Anand Bhattad**, Roni Sengupta  
CVPR 2025
15. **UrbanIR: Large-Scale Urban Scene Inverse Rendering from a Single Video**  
Zhi-Hao Lin, Bohan Liu, Yi-Ting Chen, Kuan-Sheng Chen, D.A. Forsyth, Jia-Bin Huang, **Anand Bhattad**, Shenlong Wang  
3DV 2025
14. **ZEROCOMP: Zero-shot Object Compositing from Image Intrinsic via Diffusion**  
Zitian Zhang, Frédéric Fortier-Chouinard, Mathieu Garon, **Anand Bhattad**, Jean-François Lalonde  
WACV 2025 (**Oral presentation**)
13. **Latent Intrinsic Emerge from Training to Relight**  
Xiao Zhang, William Gao, Seemandhar Jain, Michael Maire, D.A. Forsyth, **Anand Bhattad**  
NeurIPS 2024 (**Spotlight presentation**)

12. **From an Image to a Scene: Learning to Imagine the World from a Million 360° Videos**  
Matthew Wallingford, **Anand Bhattad**, Aditya Kusupati, Vivek Ramanujan, Matt Deitke, Sham Kakade, Aniruddha Kembhavi, Roozbeh Mottaghi, Wei-Chiu Ma, Ali Farhadi  
NeurIPS 2024
11. **Videoshop: Localized Semantic Video Editing with Noise-Extrapolated Diffusion Inversion**  
Xiang Fan, **Anand Bhattad**<sup>†</sup>, Ranjay Krishna<sup>†</sup>  
ECCV 2024
10. **Shadows Don't Lie and Lines Can't Bend! Generative Models Don't Know Projective Geometry...For Now**  
Ayush Sarkar\*, Hanlin Mai\*, Amitabh Mahapatra\*, Svetlana Lazebnik, D.A. Forsyth, **Anand Bhattad**  
CVPR 2024
9. **StyLitGAN: Image-based Relighting via Latent Control**  
**Anand Bhattad**, James Soole, D.A. Forsyth  
CVPR 2024
8. **StyleGAN Knows Normals, Depth, Albedo, and More**  
**Anand Bhattad**, Daniel McKee, Derek Hoiem, D.A. Forsyth  
NeurIPS 2023
7. **Object 3DIT: Language-guided 3D-aware Image Editing**  
Oscar Michel, **Anand Bhattad**, Eli Vanderbilt, Ranjay Krishna, Aniruddha Kembhavi, Tanmay Gupta  
NeurIPS 2023
6. **Improving Equivariance in State-of-the-Art Supervised Depth and Normal Predictors**  
Yuanyi Zhong, **Anand Bhattad**, Yuxiong Wang, D.A. Forsyth  
ICCV 2023
5. **Cut-and-Paste Object Insertion by Enabling Deep Image Prior for Reshading**  
**Anand Bhattad**, D.A. Forsyth  
3DV 2022 (**Spotlight presentation**)
4. **DIVeR: Real-time and Accurate Neural Radiance Fields with Deterministic Integration for Volume Rendering**  
Liwen Wu, Jae Yong Lee, **Anand Bhattad**, Yuxiong Wang, D.A. Forsyth  
CVPR 2022 (**Best Paper Finalist; Oral presentation**)
3. **View Generalization for Single Image Textured 3D Models**  
**Anand Bhattad**, Aysegul Dundar, Guilin Liu, Andrew Tao, Bryan Catanzaro  
CVPR 2021
2. **Unrestricted Adversarial Perturbations via Semantic Manipulation**  
**Anand Bhattad**\*, Min-Jin Chong\*, Kaizhao Liang, Bo Li, D.A. Forsyth  
ICLR 2020
1. **Improved Style Transfer with Calibrated Metrics**  
Mao-Chuang Yeh\*, Shuai Tang\*, **Anand Bhattad**, Chuhan Zou, D.A. Forsyth  
WACV 2020

## — Refereed Workshop Papers

5. **Intrinsic LoRA: A Generalist Approach for Discovering Knowledge in Generative Models**  
Xiaodan Du, Nicholas Kolkin, Greg Shakhnarovich, **Anand Bhattad**  
CVPR-W 2024 (**Oral presentation**)  
workshops: Generative Models for CV, AI for 3D Gen, SyntaGen, SynthData4CV, Dataset Distillation

4. **UrbanIR: Large-Scale Urban Scene Inverse Rendering from a Single Video**  
Zhi-Hao Lin, Bohan Liu, Yi-Ting. Chen, D.A. Forsyth, Jia-Bin Huang, **Anand Bhattad**, Shenlong. Wang  
CVPR-W 2024  
workshop: SynthData4CV
3. **MIMIC: Masked Image Modeling with Image Correspondences**  
Kalyani Marathe, Mahtab Bigverdi, Nishat Khan, Tuhin Kundu, Patrick Howe, Sharan Ranjit S, **Anand Bhattad**, Aniruddha Kembhavi, Linda G. Shapiro, Ranjay Krishna  
CVPR-W 2024  
workshop: 3D with Multi-View Supervision (Archival long paper)
2. **Big but Imperceptible Adversarial Perturbations via Semantic Manipulation**  
**Anand Bhattad\***, Min-Jin Chong\*, Kaizhao Liang, Bo Li, D.A. Forsyth  
CVPR-W 2019 (**Oral presentation**)  
workshop: Adversarial Machine Learning in Real-World Computer Vision Systems
1. **Detecting Anomalous Faces with “No Peeking” Autoencoders**  
**Anand Bhattad**, Jason Rock, D.A. Forsyth  
CVPR-W 2018 (**Oral presentation**)  
workshop: Vision with Biased and Scarce Data

## — Technical Reports

4. **Generative Models: What Do They Know? Do They Know Things? Let’s Find Out!**  
Xiaodan Du, Nicholas Kolkin, Greg Shakhnarovich, **Anand Bhattad**  
Technical Report, arXiv 2024
3. **Blocks2World: Controlling Realistic Scenes with Editable Primitives**  
Vaibhav Vavilala, Seemandar Jain, Rahul Vasanth, **Anand Bhattad**, D.A. Forsyth  
Technical Report, arXiv 2023
2. **Make It So: Steering StyleGAN for Any Image Inversion and Editing**  
**Anand Bhattad**, Viraj Shah, Derek Hoiem, D.A. Forsyth  
Technical Report, arXiv 2023
1. **SIRfyN: Single Image Relighting from your Neighbors**  
D.A. Forsyth, **Anand Bhattad**, Pranav Asthana, Yuanyi Zhong, Yuxiong Wang  
Technical Report, arXiv 2021

## — Patents

1. **Intrinsic-ControlNet: Zero-shot Object Compositing from Image Intrinsic**  
Zitian Zhang, Frédéric Fortier-Chouinard, Mathieu Garon, **Anand Bhattad**, Jean-François Lalonde  
Pending

## — Advising

*Primary, sole, or co-advisor; home institution in parentheses.*

### Doctoral Students

- **Deming (Remus) Li** (JHU, co-advised with Rama Chellappa) 2026 – now
- **Jiahan Zhang** (JHU) 2026 – now
- **Siddharth Khandelwal** (JHU, incoming) Fall 2026
- **Trong-Tung Nguyen** (JHU) 2026 – now

### Master’s Students

- **Chaohao Yang** (JHU) 2026 – now
- **Jiafeng Gu** (JHU) 2026 – now
- **Rayhaneh Behraves** (JHU) 2026 – now
- **Yixin (Tracy) Zhu** (UChicago); Project on Improving Projective Geometry 2024 – 2025
- **Feiran Wang** (UIUC); Project on NeRF + Latent Illumination 2023
- **Kexuan (Klaus) Zou** (UIUC | Now: Software Engineer at NVIDIA); Project on 2D Meshes 2019 – 2020

### Undergraduate Students

- **Jin Hong (Jayden) Moon** (JHU) 2026 – now
- **Anudeep Chimata** (BITS Goa, India); Project on Representation Learning & Generative Models 2025 – now
- **Joshua Ahn** (UChicago); Project on Wavelets in Neural Radiance Fields 2024
- **Zhiyan (Alex) Wang** (UChicago); Project on Improving Projective Geometry 2024 – 2025
- **Kuan-Sheng Chen** (UIUC); Project on Improving Generative Models with Intrinsic Images 2023
- **Brian Chen** (UIUC | REU at CMU’s RI | Next: Hive AI); Project on Lighting Correction 2020 – 2022
- **Anchu Zhu** (UIUC | Next: MS in CS at USC); Project on Anomaly Detection 2018 – 2019

### — Student Collaborators

*Students primarily advised by others, whom I actively co-mentor or collaborate with (home institution in parentheses).*

#### Doctoral-Level (Co-mentored)

- **Feng Wang** (JHU); Papers under Review 2026 – now
- **Namitha Guruprasad** (JHU) 2026 – now
- **Timing Yang** (JHU); Paper under Review 2026 – now
- **David Serrano-Lozano** (UAB, Spain); Paper under Review 2025 – now
- **Soumava Paul** (JHU); **Paper in CVPR 2026** 2025 – now
- **Jun Myeong Choi** (UNC Chapel Hill); **Paper in CVPR 2025** 2024 – 2025
- **William Gao** (UChicago); **Paper in NeurIPS 2024** 2024 – now
- **Xiaoyan Xing** (University of Amsterdam); **Papers in CVPR 2025 & ICML 2026** 2024 – now
- **Ayush Sarkar** (UIUC); **Paper in CVPR 2024** 2023 – 2024
- **Kalyani Marathe** (University of Washington); **Paper in CVPR-W 2024** 2023 – 2024
- **Matthew Wallingford** (University of Washington); **Paper in NeurIPS 2024** 2023 – 2024
- **Vaibhav Vavilala** (UIUC); **Papers in ICLR 2026 & 3DV 2026 & under review** 2023 – 2025
- **Xiang Fan** (University of Washington); **Paper in ECCV 2024** 2023 – 2024
- **Xiao Zhang** (UChicago); **Papers in NeurIPS 2024 & ICML 2026** 2023 – 2025
- **Xiaodan Du** (TTIC); **Paper in CVPR-W 2024** 2023 – 2024
- **Zhi-Hao Lin** (UIUC); **Paper in CVPR-W 2024 & Paper in 3DV 2025** 2023 – 2024
- **Zitian Zhang** (Université Laval); **Papers in WACV 2025 & 3DV 2026** 2023 – 2024

#### Master’s-Level (Co-mentored)

- **Varun Varma Thozhiyoor** (IISc, India); **Paper in CVPR 2026** 2025 – now
- **Frédéric Fortier-Chouinard** (Université Laval); **Papers in WACV 2025 & 3DV 2026** 2023 – 2025
- **Hanlin (Asher) Mai** (UIUC); **Paper in CVPR 2024** 2023 – 2025
- **James Soole** (UIUC | Now: Research Engineer at MATLAB); **Paper in CVPR 2024** 2023
- **Seemandhar Jain** (UIUC | Now: PhD at UCSD); **Papers in ICLR 2026, 3DV 2026 & NeurIPS 2024** 2023 – 2024

- **Pranav Asthana** (UIUC | Now: PhD at UMD); Project on Relighting from Neighbors 2021 – 2022

### Undergraduate-Level (Co-mentored)

- **Pradhaan S Bhat** (PES University / IISc, India); Paper under Review 2026 – now
- **Amitabh Mahapatra** (UIUC | Now: PhD at UIUC); **Paper in CVPR 2024** 2023 – 2025
- **Oscar Michel** (AI2 | Now: PhD at NYU); **Paper in NeurIPS 2023** 2023
- **Liwen Wu** (UIUC | Now: PhD at UCSD); **Paper in CVPR 2022 (Best Paper Finalist)** 2022

### Doctoral Thesis Committees

- **William Gao**, “Neural Methods for 3D Mesh Editing” (UChicago) 2025
- **Xiao Zhang**, “Representation Learning from and for Generative Models” (UChicago) 2025
- **Xin Yuan**, “Interpretable Unsupervised Generative Learning via Factorized Architectures and Structured Bottlenecks” (UChicago) 2024

### — Courses Designed

**Learning-based Vision**, Johns Hopkins University; *Course Instructor* Spring 2026

- Developed a new course on modern approaches in computer vision
- Taught a class of 35 students from Johns Hopkins University

**Past Meets Present: A Tale of Two Visions**, TTIC; *Course Instructor* Spring 2024

- Developed a new course from scratch on Computer Vision, combining historical and modern approaches
- Taught a class of 20+ students from TTIC and UChicago

### — Teaching Assistant

**Computer Science**, UIUC; *Graduate Teaching Assistant* 2016 – 2018

- Applied Machine Learning (CS498 AML), Fall 2018
- Data Structures (CS 225), Spring 2017
- Intro Computing: Engrg & Sci (CS 101), Spring 2016 & Fall 2016

### — Invited Talks

**Principia: What Video Models Know about High-School Physics**

- CVPR AC Workshop (Lightning Talk) Jun 2026

**The Three P’s of Modern Computer Vision: Pixels, Perception, and Physics**

- Indian Institute of Science, Bangalore, Kotak-IISc AI/ML Seminar Jan 2026
- Johns Hopkins University, Guest Lecture in Rama Chellappa’s Machine Perception Course Nov 2026
- Johns Hopkins University, Physics of Learning Seminar, invited by Brice Ménard Oct 2026
- Johns Hopkins University, ECE Department Seminar Sept 2025

**Emergent Latent Intrinsic Representations for Scene Relighting**

- UChicago, Great Lakes Graphics Workshop Apr 2025

**What Generative Image Models Understand (and Don’t) about the Physical World**

- Univ of Wisconsin at Madison Apr 2025
- Johns Hopkins University, CS/LCSR Seminar Mar 2025
- UC Irvine, CS Seminar Mar 2025
- Stony Brook University, CS Seminar Mar 2025
- UIUC: External Speaker Series Feb 2025

- ULaval: Vision Seminar Feb 2025
  - UCSD: Pixel Cafe Seminar Jan 2025
- Are Generative Image Models Physically Grounded?**
- UPenn: GRASP Seminar Dec 2024
  - NYU: Guest Lecture in Saining Xie’s Computer Vision Course Dec 2024
- Generative Models Inside Out**
- Midwest Computer Vision Workshop, Indiana University Sep 2024
- What Do Generative Image Models Know?**
- IIIT Hyderabad, India; Vision Seminar Jan 2024
  - Exactech, Inc.; Tech Talk Oct 2023
- Exploring Knowledge in Generative Models**
- Stanford University in Jiajun Wu’s group Jun 2023
  - University of Tübingen, Autonomous Vision Group May 2023
- What Do Generative Models Know about Geometry and Illumination?**
- UC Berkeley: Vision Seminar Apr 2023
  - NVIDIA Research Apr 2023
  - MIT: Vision and Graphics Seminar Apr 2023
  - CMU: VASC Seminar Mar 2023
  - UW: RAIVN Vision Seminar Mar 2023
- Towards a Productive and Fun PhD Experience**
- UIUC: Computer Vision Workshop Apr 2023
- Learning about Light Without Labeled Data**
- UMD: Vision Seminar Mar 2023
  - UCSD: Pixel Cafe Seminar Feb 2023
  - TTIC: Research Talk Feb 2023
- Drag-and-Drop Rendering: Towards In the Wild Image Editing**
- CMU: Misc-Read Vision Reading Group Aug 2021

## — Services & Leadership

### Reviewing

- **Area Chair**, NeurIPS 2026, CVPR 2026, 3DV 2026, NeurIPS 2025, ICCV 2025, CVPR 2025, WACV 2025 2024 – now
- **Reviewer**, CVPR, NeurIPS, ECCV, ICCV, ICLR, SIGGRAPH, SIGGRAPH Asia and PAMI 2018 – now

### Community Building Workshops

- **Lead Organizer**, “Bitter Lessons” workshop at CVPR Jun 2026
- **Lead Organizer**, “How to Stand Out in the Crowd?” workshop at CVPR Jun 2025
- **Lead Organizer**, “CV 20/20: A Retrospective Vision” workshop at CVPR Jun 2024
- **Lead Organizer**, “Scholars & Big Models: How Can Academics Adapt?” workshop at CVPR Jun 2023

### Technical Workshops

- **Organizer**, Findings, a new track at CVPR Jun 2026
- **Organizer**, “Humans of Generative Models (HuGs)” at CVPR Jun 2026

- **Lead Organizer**, “UniLight Workshop” at ICCV Oct 2025
- **Co-Organizer**, “Ind3D: Enforcing geometric, physical, topological, and functional inductive bias in 3D generation” workshop at CVPR Jun 2025
- **Lead Organizer**, “Knowledge in Generative Models” workshop at ECCV Sep 2024
- **Co-lead Organizer**, “Multimodal Artificial Intelligence ” workshop at TTIC Aug 2024
- **Lead Organizer**, Computer Vision workshop at Allerton, UIUC Apr 2023
- **Committee**, “Adversarial ML in Real-World Computer Vision Systems”, workshop at CVPR Jun 2019
- **Committee**, “Security and Privacy in Machine Learning” workshop at ICML Jun 2019

### Seminars and Reading Groups

- **Organizer**, UIUC Vision Seminar, a new weekly seminars inviting speakers outside UIUC 2021 – 2023
- **Organizer**, Vision Lunch (computer vision reading group) 2021 – 2023
- **Organizer**, UIUC Summer Vision Coffee 2018

**Co-Founder**, SchoolEngg 2013 – 2015

- Forum for high-school students; providing firsthand knowledge of all engineering disciplines
- Renamed as *PrepLift*, an education counselling start-up in India

**Co-Founder**, American Society of Civil Engineers (ASCE) NITK Chapter 2013 – 2015

- Co-Founded the *first* ASCE student chapter of India
- Served as treasurer for one year and as a senior advisor for the second year
- Coordinated with board members, faculty, and outside organizations to facilitate 10+ events