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Dr. Yeung leads the Medical AI and Computer Vision Lab at Stanford. She is affiliated with the Stanford Artificial Intelligence Laboratory, the Clinical Excellence Research Center, the Center for Artificial Intelligence in Medicine & Imaging, the Center for Human-Centered Artificial Intelligence, and Bio-X. She also serves on the NIH Advisory Committee to the Director Working Group on Artificial Intelligence.
Teaching

COURSES

2019-20
- Artificial Intelligence in Healthcare: BIODS 220 (Win)

2018-19
- Convolutional Neural Networks for Visual Recognition: CS 231N (Spr)

2017-18
- Convolutional Neural Networks for Visual Recognition: CS 231N (Spr)

2016-17
- Convolutional Neural Networks for Visual Recognition: CS 231N (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)
Jingwei Ji, Darvin Yi

Doctoral Dissertation Advisor (AC)
Ali Mottaghi

Master's Program Advisor
Kamil Ali, Julia Gong

Publications

PUBLICATIONS

- Ethical and Legal Aspects of Ambient Intelligence in Hospitals, *JAMA*
  Gerke, S., Yeung, S., Cohen, I. G.
  2020

- A computer vision system for deep learning-based detection of patient mobilization activities in the ICU, *NPJ digital medicine*
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- Every Moment Counts: Dense Detailed Labeling of Actions in Complex Videos, *INTERNATIONAL JOURNAL OF COMPUTER VISION*
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- Scaling Human-Object Interaction Recognition through Zero-Shot Learning
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- Temporal Modular Networks for Retrieving Complex Compositional Activities in Videos, *European Conference on Computer Vision*
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• Learning to Learn from Noisy Web Videos
  Yeung, S., Ramanathan, V., Russakovsky, O., Shen, L., Mori, G., Li Fei-Fei, IEEE
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  Nakamura, K., Yeung, S., Alahi, A., Li Fei-Fei, IEEE
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• End-to-end Learning of Action Detection from Frame Glimpses in Video
  Computer Vision and Pattern Recognition
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