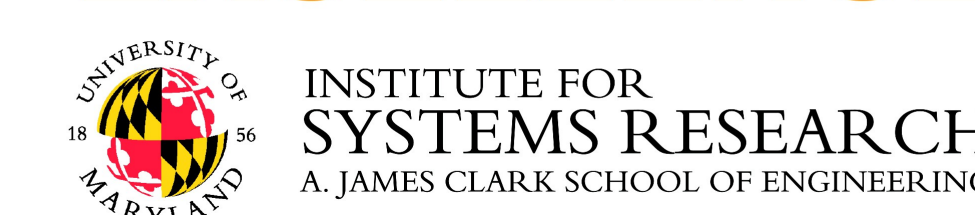


The Robotic Visual Learner

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Computer Vision: Focused on recognizing single human actions like walking, jumping.

Robotics: Focused on learning exact motions from demonstration in lab environments.

Cognitive Robotics: An automatic approach to learn actions from the World Wide Web and execute them with reusable modules in a never ending learning manner.

Current state of the research: Robot learns manipulation action plans by “watching” YouTube instructional videos and learning the intermediate goals instead of exact movements.

