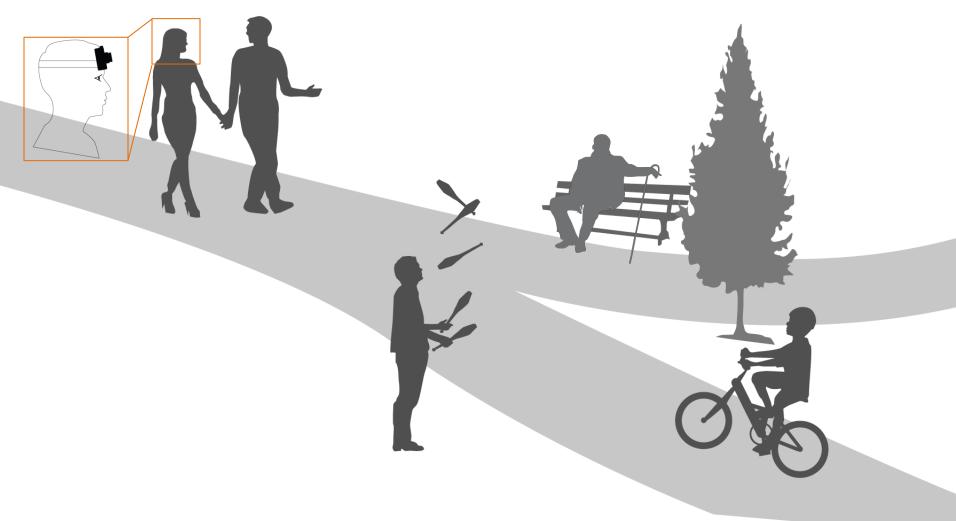


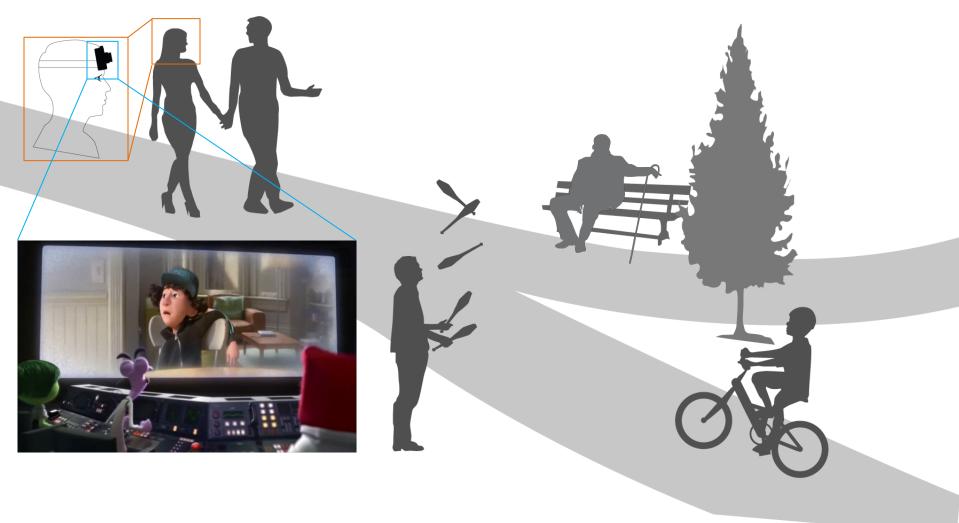
Understanding her behaviors

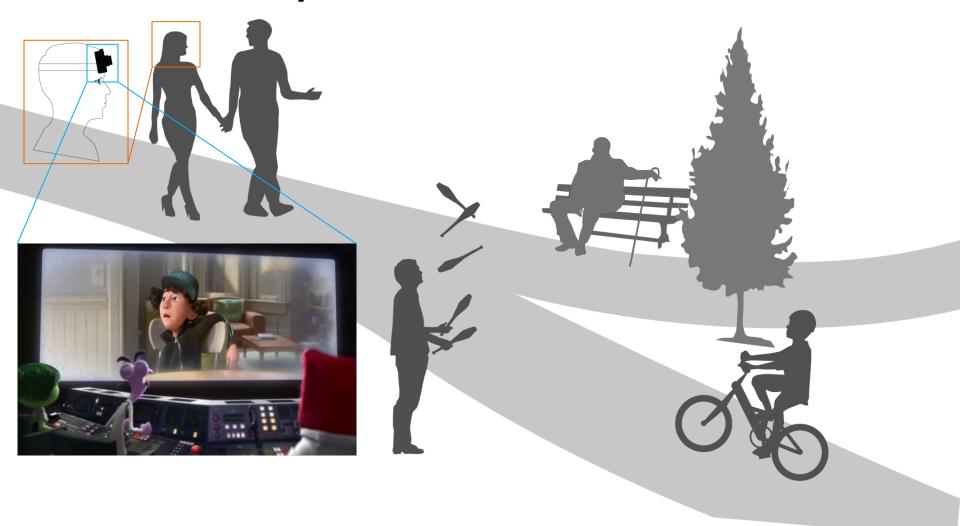


Understanding her behaviors



Understanding her behaviors

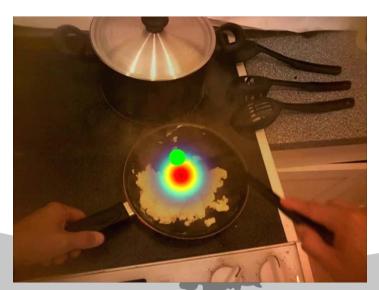




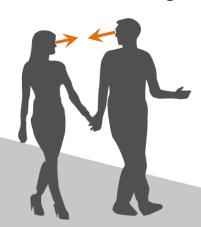


- Attention
 - Personal attention
 - Social attention



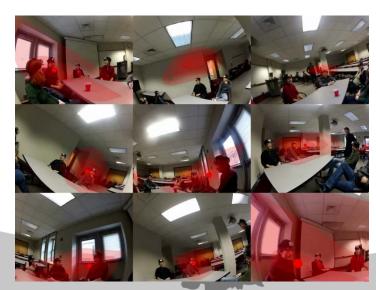






- Attention
 - Personal attention
 - Social attention

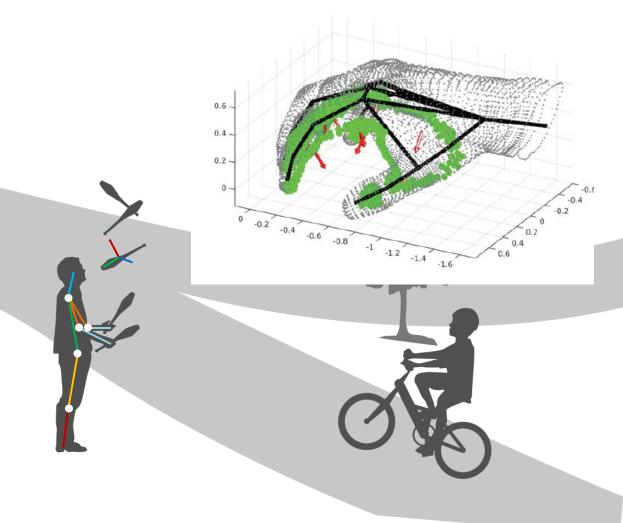






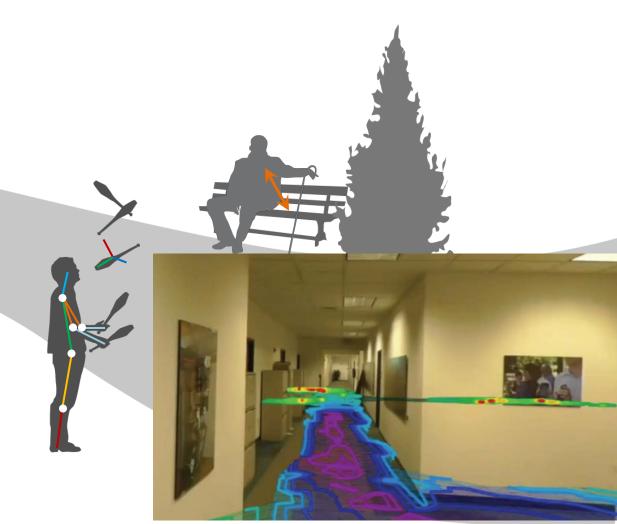


- Attention
 - Personal attention
 - Social attention
- Kinematics
 - Pose/object
 - Actions





- Attention
 - Personal attention
 - Social attention
- Kinematics
 - Pose/object
 - Actions





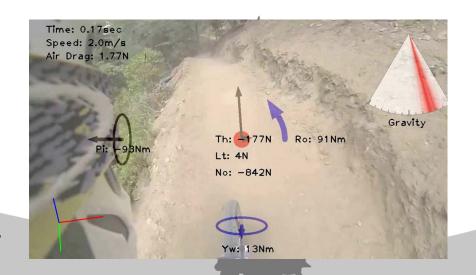
- Attention
 - Personal attention
 - Social attention
- Kinematics
 - Pose/object
 - Actions
- - Egomotion
 - Force

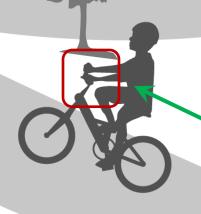






- Attention
 - Personal attention
 - Social attention
- Kinematics
 - Pose/object
 - Actions
- - Egomotion
 - Force





Broader Impact of First Person Vision

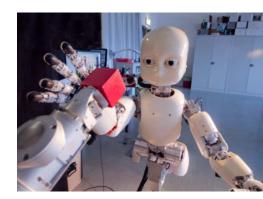




Children can learn riding bicycle in two week. How do they learn?

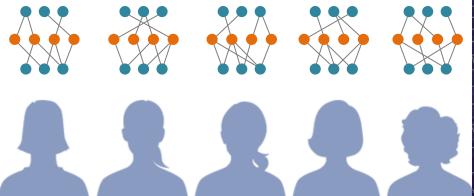
- Motor skill learning
- Hand-eye coordination



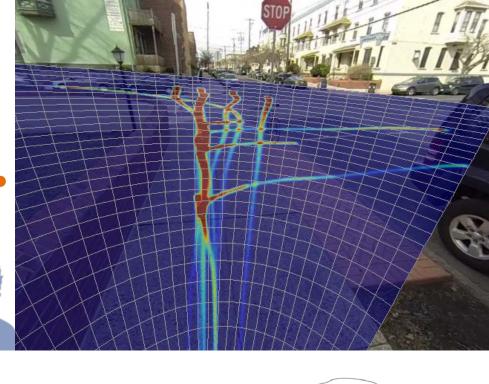


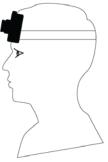
Personalized Al:

Machines that learn for me

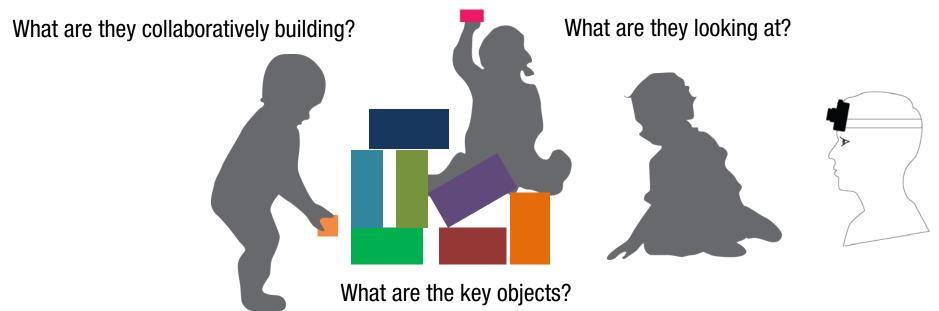


- Personal preference
- Personal memory
- Personal relationship
- Personal space

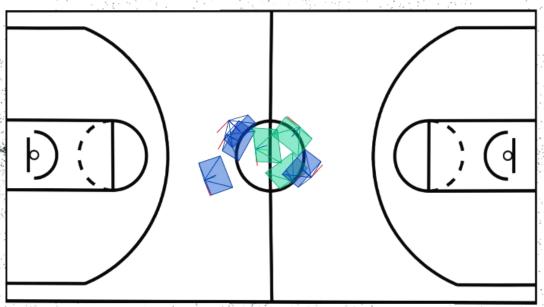








Sport Analytics





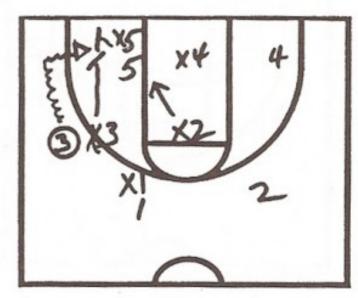
Kinematics to visual sensation



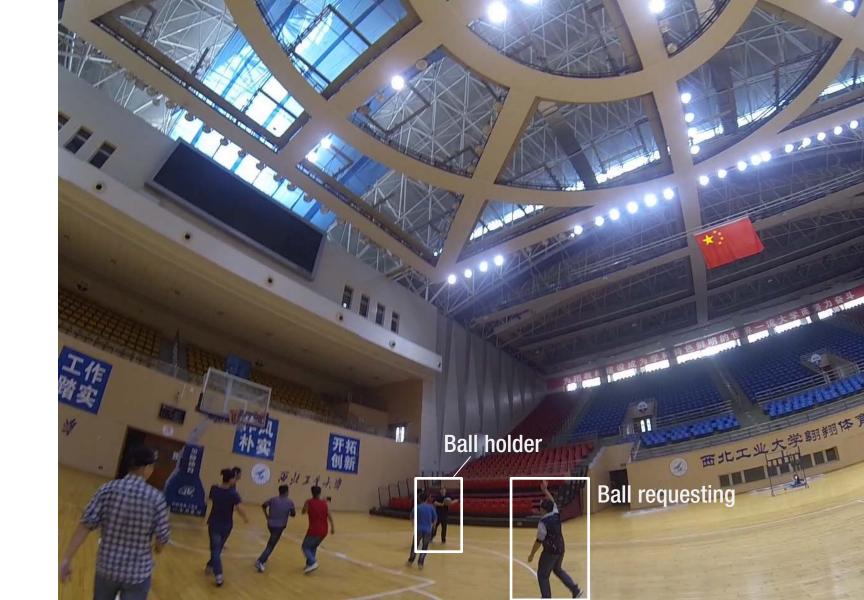
Sport Analytics



Basketball game in third person view

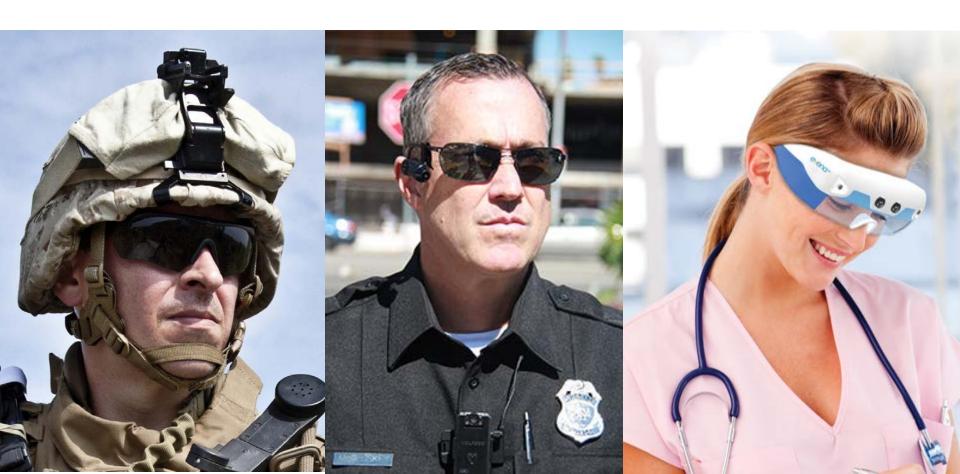


Coach's note





Specialized Tasks





"First person vision is an embedded <u>human-system symbiosis</u>."

- Takeo Kanade

