Artificial intelligence and machine learning


https://www.jair.org/index.php/jair/article/download/11432/26583

Computer education


Computational biology


**Cybersecurity**


**Ethics in computer science**


“The opacity, independence from an explicit domain model, and lack of causal insight associated with some powerful machine learning approaches are not radically different from routine aspects of medical decision-making. (p.18)”


**Human-computer interaction**


**Image processing and computer graphics**


Z. Teed, J. Deng, RAFT: Recurrent All-Pairs Field Transforms for Optical Flow, Best ECCV 2020 paper.


Sarlin et al., SuperGlue: Learning Feature Matching with Graph Neural Networks, CVPR


Payer et al., Integrating spatial configuration into heatmap regression based CNNs for landmark localization, Medical Image Analysis 2019
https://doi.org/10.1016/j.media.2019.03.007
**Quantum computing**


**Software engineering**


