

Stanford

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Publications

PUBLICATIONS

- **Network offloading policies for cloud robotics: a learning-based approach** *AUTONOMOUS ROBOTS*
Chinchali, S., Sharma, A., Harrison, J., Elhafsi, A., Kang, D., Pergament, E., Cidon, E., Katti, S., Pavone, M.
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- **Jointly Optimizing Preprocessing and Inference for DNN-based Visual Analytics** *PROCEEDINGS OF THE VLDB ENDOWMENT*
Kang, D., Mathur, A., Veeramacheni, T., Bailis, P., Zaharia, M.
2020; 14 (2): 87-100
- **A Demonstration of Willump: A Statistically-Aware End-to-end Optimizer for Machine Learning Inference** *PROCEEDINGS OF THE VLDB ENDOWMENT*
Kraft, P., Kang, D., Narayanan, D., Palkar, S., Bailis, P., Zaharia, M.
2020; 13 (12): 2833–36
- **Approximate Selection with Guarantees using Proxies** *PROCEEDINGS OF THE VLDB ENDOWMENT*
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2020; 13 (11): 1990–2003
- **Improved Natural Language Generation via Loss Truncation**
Kang, D., Hashimoto, T. B., *Assoc Computat Linguist*
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2020: 718–31
- **Blazelt: Optimizing Declarative Aggregation and Limit Queries for Neural Network-Based Video Analytics** *PROCEEDINGS OF THE VLDB ENDOWMENT*
Kang, D., Bailis, P., Zaharia, M.
2019; 13 (4): 533–46
- **Network Offloading Policies for Cloud Robotics: a Learning-based Approach**
Chinchali, S., Sharma, A., Harrison, J., Elhafsi, A., Kang, D., Pergament, E., Cidon, E., Katti, S., Pavone, M., Bicchi, A., KressGazit, H., Hutchinson, S.
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- **NoScope: Optimizing Neural Network Queries over Video at Scale** *PROCEEDINGS OF THE VLDB ENDOWMENT*
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