

**Postdoctoral fellowship and Ph.D. position in OR/ML to explore synergies
between recommender systems and assortment optimization**

As part of a research project funded by IVADO (Institute for Data Valorization), a postdoctoral fellowship and a Ph.D. position at CIRRELT / MILA / CERC-DS4DM are offered under the supervision of Laurent Charlin (HEC Montréal, MILA & CERC) and Sanjay Dominik Jena (ESG UQAM, CIRRELT & CERC).

The projects are centered around the synergies between recommender systems and assortment optimization, both on the application level and on the methodological level by developing new solution methods.

Candidates for any of these positions are expected to carry out top-level research. Those interested in the Ph.D. position should have a degree in Computer Science, Operations Research, Applied Mathematics, Statistics, or related fields. Applicants for the post-doctoral position should have a background in Machine Learning, Operations Research, or in both. Fluency, or at least a willingness to learn about mathematical programming and modern machine learning would be ideal. All candidates should demonstrate good programming and mathematical skills.

To apply, please send your application package (recent CV, name of two references, recent grade records) to sanjay.jena@cirrelt.ca, clearly indicating your possible/preferred starting dates.

MILA:

<http://www.mila.umontreal.ca/>

CIRRELT:

<http://www.cirrelt.ca/>

CERC Chair:

<http://cerc-datascience.polymtl.ca/>