DORIAN J.P. DESBLANCS

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Master MVA Coursework:

Note that the master MVA administration only selects the 8 best course grades for each student (each of these must be passed). It is very common for students to take more than 8 courses and gradually drop some over the course of each semester.

First Semester:

- Object Recognition and Computer Vision (Data / Modelling)
- Reinforcement Learning (Learning)
- Deep Learning (Learning)
- Convex Optimization, Algorithms and Applications (Learning)
- Probabilistic Graphical Models (Learning)
- Introduction to Digital Imaging (Data / Modelling)

Second Semester:

- Parsimonious Representations (Data / Modelling)
- Modelling in Neuroscience and Elsewhere (Learning)
- Graphs in Machine Learning (Learning)
- Kernel Methods for Machine Learning (Learning)
- Audio Signal Analysis, Indexing and Transformations (Data / Modelling)
- Time-series Learning (Learning)
- Biostatistics (Data / Modelling)

* Courses that I am taking for credit.

* Courses that I am auditing.

McGill University Coursework (Selected Subset):

Mathematics:

- Linear Algebra (Math 223)
- Probability and Statistics (Math 323 and Math 324)
- Intermediate Calculus (Math 262)
- Discrete Structures (Math 240)

Computer Science:

- Brain-Inspired Artificial Intelligence (Comp 596)
- Applied Machine Learning (Comp 551)
- Computational Biology Methods and Research (Comp 561)
- Fundamentals of Computer Vision (Comp 558)
- Natural Language Processing (Comp 550)
- Computational Perception (Comp 546)
- Introduction to Robotics and Intelligent Systems (Comp 421)

Musical Science and Technology:
- Digital Audio Signal Processing (Mumt 501)