

Lecture 1: May 6th, 2018

Lecturer: Alice Gao

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Course Website

https://cs.uwaterloo.ca/~a23gao/cs486686_s19/index.shtml

Course Topics

- Search (Heuristic Search, CSP, Local Search)
- Supervised learning (Decision Trees)
- Reasoning under uncertainty (Bayesian Network, Variable elimination algorithm)
- Learning under uncertainty (Expectation maximization algorithm)
- Decision making under uncertainty (Decision Network, Markov Decision process, Reinforcement learning, Game Theory)