Project Topics

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I am open to any project ideas in **AI**, **Machine Learning**, **Evolutionary Computation**, **Natural Computation**, **Computer Generated Art**, etc.

... some level of mathematical literacy is required

- **Machine Learning in a variety of domains**
  discover or model spatial, temporal or spatial-temporal data structures, predictive models

- **Machine Intelligence in Astronomy, Medicine, Finance**
  great past projects, must be open to inter-disciplinary work

- **Theoretical foundations of Machine Learning**
  learning theory, recurrent neural networks as dynamical systems and temporal kernel machines

- **Complex Systems, Natural Computation**
  Co-evolutionary learning and dynamics
  Non-trivial emergent collective behaviour in swarms

- **Evolutionary Art**
  nice past projects in music and visual art