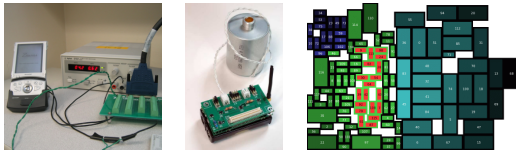


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## Project proposal

By noon Sunday, send a one or two page project proposal describing the problem you intend to solve, providing a survey of related work on the problem, and explaining your plan for finding a solution.

- The problem description should be as complete and formal as possible. You will then be able to re-use this portion of the proposal in the final project report.
- The survey of related work should not just cover the papers I suggested. It should also cover other papers you found yourself in the library or with Google scholar. The main purpose of the survey is to show how much progress other people have made on the problem so it is clear what remains to be done.
- The plan for finding a solution should be as detailed and can contain a partial solution. Hopefully, you can make a good start this weekend so there is some hope of finishing the project in the coming week.

## Data compression

- Lossy compression
- Lossless compression
- Uses in embedded systems
- Relationship with intelligence: Hutter Prize (€50,000)
- Predictive models

## Catch up on reading and literature summaries

By class on Monday, catch up on the reading assignments and paragraph-long reading summaries. In these summaries, indicating the most important things about the article, i.e., the strong points and the weak points.