

## **Probability** (undergraduate, 2007 Spring)

- ✚ Textbook: S. Ghahramani, “Fundamentals of Probability with Stochastic Processes”, 3rd Ed, Prentice Hall, 2005.
- ✚ Office hours: to be announced.
- ✚ Grading:
  - Homework: 20%
  - Quizzes 25%
  - Midterm 25%
  - Final 30%
- ✚ Syllabus
  - Axioms of probability
  - Combinatorial methods
  - Conditional probability and independence
  - Distributed functions and discrete random variables
  - Special discrete distributions
  - Continuous random variables
  - Special continuous distributions
  - Joint distributions
  - More expectations and variances
  - Sums of independent random variables and limit theorems