NURRACHMAN LIU

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FULL COURSEWORK

Graduate CS, UCLA:

- Machine Learning (AI)
- Automated Reasoning (AI)
- Natural Language Processing (AI,IR)
- Bayesian Networks (AI)
- Neural Networks & Deep Learning (AI)
- Reinforcement Learning (AI)
- Probabalistic Programming & Relational Learning (AI,PL)
- Static Program Analysis (PL)
- Type Theory&Prog.Lang(PL)
- Big Data Systems (IR)
- Linear Programming
- Applied Probability (Stats)

Upper-division CS, UCLA:

- Algorithms and Complexity
- Artificial Intelligence
- Databases & DBMS
- Data Mining
- Formal Languages & Automata Theory (Computability)
- Prog. Languages
- Compiler Construction
- Operating Systems
- Computer Networks
- Computer Graphics
- Web Development

Upper-division Statistics, UCLA:

- Probability
- Mathematical Statistics
- Linear Models (MLR)
- Data Analysis & Regression
- Design & Analysis of Experiments
- Statistical Models & Data Mining
- Optimization for Statistics
- Monte Carlo Methods (Audit)

Graduate EE, University of Michigan, Ann Arbor:

- Logic Synthesis & Optim.
- VLSI Design 1
- VLSI Design 2
- Computer Architecture
- Analog IC Design
- Digital Integrated Technology
- Advanced High-Performance VLSI Design

Upper-division EECS, UC Berkeley:

- Microelectronic Devices and Circuits
- Integrated-Circuit Devices
- Components and Design Techniques for Digital Systems
- Signals and Systems
- Digital Integrated Circuits
- Analog Integrated Circuits
- Microfabrication Technology
- Linear Algebra (Math)
- Math Tools for Phys. Sciences (Math)

Lower-division EECS, UC Berkeley:

- Structure and Interp. of Computer Programs
- Data Structures
- Machine Structures
- Structure and Interp. of Signals and Systems
- Digital Electronics