



HKU Musketeers Foundation

Institute of Data Science

香港大學同心基金數據科學研究院

Introduction to my research

Difan Zou

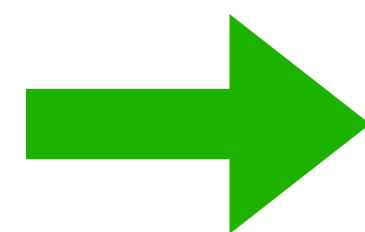
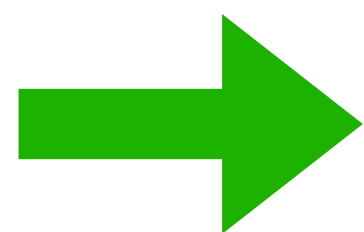
IDS briefing session, 10-25

Institute of Data Science

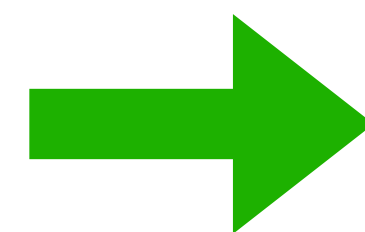
The University of Hong Kong



Short Bio



UCLA



BS in Applied Physics,
USTC

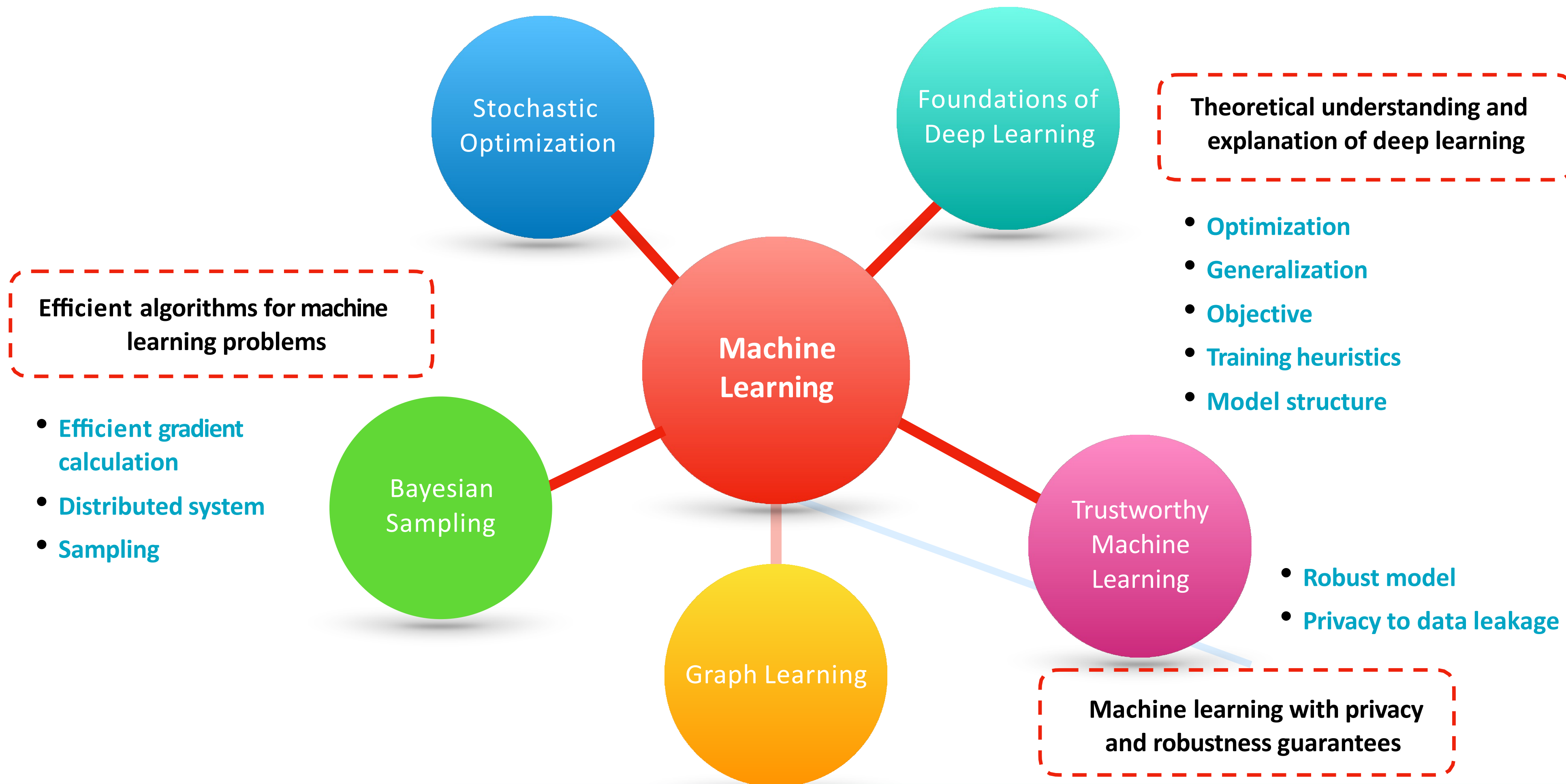
MS in Electrical
Engineering, USTC

PhD in Computer
Science, UCLA

Assistant Professor in
Computer Science &
IDS, HKU



Research Overview





Potential Students in My Group

- ▶ Self-motivated (**important!**)
 - ▶ Know how to find answers from literature
 - ▶ Know how to validate the hypothesis by running simple experiments
 - ▶ Know how to approach a complicated problem by working on simple examples
- ▶ Critical-thinking (**important!**)
 - ▶ Know how to find the drawbacks or limitations of a paper
 - ▶ Think about what're the reasons leading to the limitations of the prior works
 - ▶ Know how to find out possible approaches to address the limitations
- ▶ Hard-working (**important!**)
 - ▶ Concentrate on your project and try to complete it as soon as possible
 - ▶ Actively ask for help from your lab-mates or advisor if you cannot figure it out for many days
 - ▶ Do not easily give up
- ▶ Background (**less important**)
 - ▶ Mathematical background: calculus, linear algebra, matrices and tensors, statistics, optimization, etc.
 - ▶ Programming: familiar with Python is fine