

I am actively seeking highly motivated **Ph.D. students** (starting Spring/Fall 2025, fully sponsored) and **research interns** (non-paid except for current FSU students) with a strong foundation in probability, linear algebra, and/or optimization and solid programming skills to join my research group in the Department of Computer Science at Florida State University. Our group focuses on advancing the interdisciplinary studies of machine learning and scientific computing, contributing to the reciprocal relationship between these fields.

My main research focuses include:

- **Probabilistic Machine Learning:** Bayesian machine learning and modeling, approximate inference
- **ML for Scientific Computing:** surrogate modeling, operator learning, physics-informed machine learning
- **Multi-Objective ML:** multi-task learning, meta-learning, transfer learning
- **Interactive Machine Learning:** active learning, Bayesian optimization, bandits, reinforcement learning

I am an Assistant Professor of the Department of Computer Science at Florida State University. Before joining FSU, I obtained my Ph.D. degree from the School of Computing at the University of Utah. I received my M.S. degree from the University of Pittsburgh and my B.E. degree from South China University of Technology.

Requirements (for Ph.D. applicants):

- GPA $\geq 3.5/4.0$
- TOEFL > 80 for international students (speaking ≥ 23 desired)
- Background in Computer Science, Mathematics, Physics, Statistics, and ECE is *preferred*.
- Programming experience
- Familiar with modern machine learning frameworks is *preferred* such as TensorFlow, PyTorch, Jax.

Application Package (for Ph.D. applicants):

- Curriculum Vitae/Resume
- Statement of Purpose
- Official transcripts with GPA
- GRE test results
- Three letters of recommendation
- TOEFL or IELTS scores for international students

How to Apply:

- For Ph.D. applicants, please apply through FSU official website [FSU CS official website](#) and email your CV, transcript and a short statement of motivation to shiboli@cs.fsu.edu.
- For research interns, please email you latest CV and a short statement of your motivation to shiboli@cs.fsu.edu.

Note for Ph.D. Applicants: You are *encouraged* but *not required* to contact me before submitting your application.