

---

# SHIDA WANG

Mobile: (+65) 9810 4816 | Email: [e0622338@u.nus.edu](mailto:e0622338@u.nus.edu)

Personal Website: <https://radarfudan.github.io>

GitHub: <https://github.com/radarFudan>

## EDUCATION

B.S. (Math), Fudan University, 2020

Ph.D. (Math), National University of Singapore (NUS), Expected 2024

Supervisor: Qianxiao Li

## RESEARCH INTEREST

Theoretical Machine Learning, Dynamical System, Optimal Control

## EXPERIENCE

Internship at Advance.AI (2021.08-10):

Investigated general anomaly detection techniques such as GAN and Autoencoder.

Teaching Assistant at NUS for DSA5102 (2020.08-11)

Internship at Megvii (2019.07-12):

Worked on basic models (ShuffleNetV2) and Neural Architecture Search models.

Worked on adaptive optimizers, which led to my first Ph.D. research project.

Internship at Goku Data Limited (2019.01-03):

Worked with daily stock data and tried to produce some new factors

## RESEARCH

Reviewer for AISTAT 2023

## SKILLS

Fluent in Python (Pytorch, TensorFlow 2), C/C++, Matlab. Familiar with R, Haskell

Familiar with data structure, algorithm, operating system, and parallel programming

## PROJECT

Implement a Turing-complete programming language in Haskell.

## RELATED COURSES

Probability, Markov Chain, Brownian motion and Stochastic Calculus, Stochastic Control, Optimal Stopping and Stochastic Control in Finance, Topics in Differential Equations (Fluid Equation), Optimization, Microeconomics, Macroeconomics