

# LI HAITIAN

## PERSONAL DATA

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## RESEARCH INTEREST

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- ▷ Derivative-free optimization
  - Especially on direct-search methods

## WORK EXPERIENCE

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Nov 2020-Jun 2021	Research assistant at AMA, The Hong Kong Polytechnic University Supervised by Dr. Zaikun Zhang
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## EDUCATION

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SEP 2015-JUN 2019	Bachelor's Degree in MATHEMATICS AND APPLIED MATHEMATICS <b>Jilin University</b> , Changchun, China
SEP 2019-JUN 2021	Master's Degree in FINANCIAL ENGINEERING <b>The Chinese University of Hong Kong, Shenzhen</b> , Shenzhen, China
SEP 2021-PRESENT	PhD Candidate in APPLIED MATHEMATICS <b>The Hong Kong Polytechnic University</b> , Hong Kong SAR, China Supervisor: Dr. Zaikun Zhang Co-supervisor: Prof. Dr. Xiaojun Chen

## TALKS

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NOV 2023	Blockwise Direct-Search methods The 9th Graduate Forum of Mathematical Programming Branch of Operations Research of China, Chongqing, China
JUN 2024	Blockwise Direct-Search methods ASA2024, Xinxiang, China
JUN 2024	Blockwise Direct-Search methods The 2nd Derivative-free Optimization Symposium (DFOS), Padova, Italy

## SOFTWARE

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- BDS: a Matlab package for solving unconstrained optimization problems without using derivatives, <https://github.com/blockwise-direct-search>

## LANGUAGES

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MANDARIN: Mothertongue  
ENGLISH: Professional