Ning Liu

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Baltimore, MD, 21211

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Research Interest

Mathematical programming, nonsmooth nonconvex optimization, first order methods.

Education

Johns Hopkins University   Baltimore, MD
Ph.D in Applied Math and Statistics   *Present*
Advised by Benjamin Grimmer

Johns Hopkins University   Baltimore, MD
M.S. in Applied Math and Statistics, M.A. in Math   *2018*

Renmin University of China   Beijing
Bachelor in Human Resource Management   *2012*

Publication

N. Liu, B. Grimmer, "Gauges and Accelerated Optimization over Smooth and/or Strongly Convex Sets", *submitted*   2023

Conference

SIAMOPT, Seattle, WA	2023
ICCOPT, Bethlehem, PA	2022
Fourth Chicago Summer School in Analysis with full NSF funding, Chicago, IL	2017
Joint Mathematics Meetings, Atlanta, GA	2017
Third Chicago Summer School in Analysis with full NSF funding, Chicago, IL	2016

Employment

Teaching Assistant, JHU, Baltimore, MD	2017-present
Research Assistant, JHU, Baltimore, MD	2016-present

Awards & Honors

JHU MINDS Data Science Fellowship	2023
Undergraduate scholarship in Renmin University of China	2011
Second Prize in Chinese Mathematical Olympiad	2007

Specialized Skills

Programming Languages: Python, Matlab, Julia.