Ram Goenka
Curriculum Vitae

✉ rag334@pitt.edu
🌐 ramgoenka.github.io
in Linkedin

Research Interests

Statistical Learning, Stochastic Processes, Information Theory, Communication Theory, Digital and Statistical Signal Processing, Mathematical Statistics

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Education

Aug. 2025 – May 2027
MS Statistics, *University of Pittsburgh*

Aug. 2021 – May 2025
BSLAS Mathematics, BSLAS Statistics, *University of Illinois Urbana-Champaign*
Minor in Computer Science

Research Experience

Aug. 2023 – Present
Research Assistant, *National Center for Supercomputing Applications*
Mentor: Prof. Rebecca Lee Smith, University of Illinois Urbana-Champaign

Jun. 2024 – Aug. 2024
Research Assistant, *Polymath Jr.*
Mentor: Prof. Alexandra Seceleanu, University of Nebraska-Lincoln

Aug. 2023 – Dec. 2023
Research Assistant, *Illinois Risk Lab*
Mentor: Prof. Runhuan Feng & Dr. Peixin Liu, University of Illinois Urbana-Champaign

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Teaching Experience

Aug. 2022 – May 2025
Undergraduate Teaching Assistant, *STAT 107: Data Science Discovery*

May 2022 – May 2023
Undergraduate Teaching Assistant, *CS 124: Intro. to Computer Science I*

Professional Experience

May 2024 – Aug. 2024
Data Analytics Intern, *Synchrony Financial*

May 2023 – Aug. 2023
Software Engineering Intern, *COUNTRY Financial*

Sept. 2022 – Aug. 2023
Software Engineering Intern, *National Center for Supercomputing Applications*

Selected Coursework

At UIUC:
- STAT 431: Applied Bayesian Analysis
- STAT 432: Basics of Statistical Learning
- STAT 433: Stochastic Processes
- MATH 442: Intro. to Partial Differential Equations
- MATH 447: Real Variables
- CS 441: Applied Machine Learning
- CS 498DDU: End-to-End Data Science