

SRICHARAN AR

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Education

University of Vienna

PhD in Computer Science, advised by Monika Henzinger

2021 – Now

Chennai Mathematical Institute

Master of Science in Computer Science

2019 – 2021

Chennai Mathematical Institute

Bachelor of Science (Honours) in Mathematics and Computer Science

2016 – 2019

Publications

Monika Henzinger, Ami Paz, and **A. R. Sricharan**. Fine-grained complexity lower bounds for families of dynamic graphs. In *ESA 2022*, volume 244 of *LIPICs*, pages 65:1–65:14, 2022.

Umang Bhaskar, **A. R. Sricharan**, and Rohit Vaish. On Approximate Envy-Freeness for Indivisible Chores and Mixed Resources. In *APPROX/RANDOM 2021*, volume 207 of *LIPICs*, pages 1:1–1:23, 2021.

T. Parthasarathy, Vasudha Sharma, and **A. R. Sricharan**. Completely mixed bimatrix games. *Proceedings - Mathematical Sciences*, 130(1):47, Jul 2020.

Experience

Research

Umang Bhaskar

Research Internship

Fair allocation of indivisible items

Tata Institute of Fundamental Research (Remote)

May 2020 – Aug 2021

T Parthasarathy

Masters Thesis

Completely mixed bistochastic games

Indian Statistical Institute, Chennai

Dec 2020 – Jun 2021

Industry

Sudhir Kumar, Rohan Nanode

Summer Intern

Spot phishing sites using neural networks

Coriolis, Pune

May 2018 – Jul 2018

Teaching

Teaching Assistant

Two courses

○ Advanced Data Structures 2

○ Advanced Algorithms

University of Vienna

Feb 2022 – Now

Teaching Assistant

Six courses

○ Concurrency Theory

○ Complexity Theory

Chennai Mathematical Institute

Aug 2019 – Apr 2021

- Linear Optimization
- Stochastic Processes 1

Mathematics Faculty

- Design and Analysis of Algorithms
- LP & Combinatorial Optimization

Cheenta Ganit Kendra

Dec 2016 – Now

Honours

CMI Gold Medal of Excellence: best academic record in my Masters batch

CGPA: 10

Institutional Scholarship: academic performance during Bachelors and Masters

Years: 5

Ahobila Math Award: HSC exam results in the Statistics stream

State Rank: 2