Debashmita Poddar

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EDUCATION

Gran Sasso Science Institute   L'Aquila, Italy
Ph.D. in Computer Science   November 2018–Current
Advisors: Prof. Gianlorenzo D'Angelo and Dr. Cosimo Vinci

Pondicherry University   Puducherry, India
M.Sc. in Computer Science   July 2015–May 2017

University of Calcutta   Kolkata, India
B.Sc. in Computer Science   July 2012–June 2015

EXPERIENCE

Gran Sasso Science Institute   L'Aquila, Italy
PhD Student/Algorithmic Aspects of Computer and Social Networks Group   August 2019 –Current

- Adaptive Influence Maximization in Social Networks

Chegg India Pvt. Ltd.   Online
Computer Science Tutor   June 2017 –June 2018

Indian Ststistical Institute   Kolkata, India
Summer Research Intern/ R.C Bose Center for Cryptology   Summer 2016
Advisor: Prof. Bimal Kumar Roy

- (2,n) Visual Cryptographic Schemes for Monochromatic Images.

PUBLICATIONS

[1] G. D'Angelo, D. Poddar, and C. Vinci, "Better Bounds on the Adaptivity Gap of Influence Maximization under Full-adoption Feedback", in *The 35th AAAI Conference on Artificial Intelligence (AAAI 2021)*, Feb. 2021.

[2] G. D'Angelo, D. Poddar, and C. Vinci, "Improved approximation factor for adaptive influence maximization via simple greedy strategies", in *The 48th International Colloquium on Automata, Languages, and Programming (ICALP 2021)*, Jul. 2021.

Skills

- **Object-Oriented Programming:** C++, Python, Java, Julia
- **Procedural Programming:** C
- **Low-Level Programming :** Assembly Language
- **Declarative Programming:** SQL

Languages

- **English:** Fluent
- **Italian:** Basic
- **Hindi:** Native
- **Bengali:** Native

Talks and Conferences

- Vidyasagar College   Kolkata, India
  Delivered a talk on Green Computing   Winter 2014

- University of Mysore   Mysuru, India
  Attended the 103rd Indian Science Congress Conference   Winter 2016

- Pycon Italia   Florence, Italy
  Attended PyconX   Spring 2019

- Max-Planck-Institut für Informatik   Saarbrücken, Germany
  Attended the 20th Max Planck Advanced Course on the Foundations of Computer Science   Summer 2019

- The 35th AAAI Conference on Artificial Intelligence (AAAI 2021)   Online
  Presenting author   February 2021

- Sapienza Università di Roma   Rome, Italy
  Attended the European Summer School on Learning in Games, Markets, Online Decision Making   September 2021

Activities

- Pint of Science Italia 2019   L'Aquila, Italy
  Team L'Aquila staff   May 2019

- SHAring Researchers' Passions for Evidences and Resilience (SHARPER) Night 2019   L'Aquila, Italy
  L'Aquila chapter staff   September 2019

- Networks 2021   Online
  Volunteered as a judge for the lightning talks   July 2021

- International Colloquium on Automata, Languages and Programming (ICALP) 2021   Online
  Student volunteer   July 2021