Debashmita Poddar

Email: debashmita.poddar@gssi.it
Website: debashmitap.github.io
Phone: +39 3488417979

Education

Gran Sasso Science Institute — L'Aquila, Italy
Ph.D. in Computer Science — November 2018–Current
Thesis topic: Adaptive Influence Maximization in Social Networks
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

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
Supported by Microsoft Research India
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
- **Geographic Information System:** QGIS
- **Soft skills:** Communication, Problem-solving, Critical and analytical thinking

Languages

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

Talks and Conferences

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

- 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

Activities

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

- SHAring Researchers' Passions for Engaging Responsiveness (SHARPER) Night 2019 — L'Aquila, Italy
  L'Aquila chapter staff — 27 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

- SHAring Researchers' Passions for Engaging Responsiveness (SHARPER) Night 2021 — L'Aquila, Italy
  L'Aquila chapter staff — 24 September 2021