Arnab Sur

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Email: arnabs@cmi.ac.in

Address:
Flat No. 707
Acropolis, Sai World City
Palaspe Phata, Panvel
Mumbai - 410206
Date of Birth: 18th March 1999

EDUCATION AND EMPLOYMENT

Chennai Mathematical Institute, Chennai
Research Scholar

AUG 2023 - PRESENT

Pursuing a PhD in Computer Science on formal verification of real-time systems

Advisor: B Srivathsan

Chennai Mathematical Institute, Chennai
MSc Computer Science

DEC 2020 - JULY 2022

CGPA: 9.06

Thesis: A parameter synthesis algorithm for Parametric Timed Automata over bounded integer valued parameters.
Advisor: B Srivathsan

Elective Courses: Weighted Automata; Logic, Automata and Games; Concurrency Theory; Complexity Theory; Formal Security Analysis; Linear Programming and Combinatorial Optimization

Indian Statistical Institute, Kolkata
Junior Research Engineer

OCT 2020 - DEC 2020

Forensic Analysis of WhatsApp on Android; Classical Cryptanalysis; Block Cipher Design
PI: Subhamoy Maitra

Jadavpur University, Kolkata
B.E. Computer Science and Engineering

AUG 2016 - JULY 2020

CGPA: 7.26

Project: An Algorithm to Find Referents of Utterances in Chatbot Conversations
Supervisor: Dipankar Das

SKILLS

Programming Languages
C, C++, Java, JavaScript, Python, Haskell

Tools
Proverif, Cryptoverif, Fstar, TChecker

ACTIVITIES

Timed Automata Reading Group, CMI, Chennai
Organiser

We pick and present interesting Timed Automata research papers.

Education for All, Jadavpur University, Kolkata
Member

We teach underprivileged students in West Bengal

SPOKEN LANGUAGES

English, Bengali, Hindi