

Subhayan Saha

Curriculum Vitae

n 2081, Student Residence Barcelona
46 Boulevard du 11 Novembre 1918, 69100 Villeurbanne
☎ (+33) 0749925872
✉ subhayansaha14@gmail.com

Education

- 2013 **Secondary Education**, West Bengal Board of Secondary Education, Aggregate - 91%.
- 2015 **Higher Secondary Education**, Central Board of Secondary Education, Aggregate - 93.4%.
- 2015-2018 **B.Sc (Hons.) in Mathematics and Computer Science**, Chennai Mathematical Institute, CGPA 7.83/10 .
- 2018- 2020 **M.Sc in Computer Science**, Chennai Mathematical Institute, CGPA 9.31/10.

Research Interests

Algebraic Complexity, Polynomial Identity Testing Problem ,Reconstruction and Polynomial Equivalence algorithms, Bootstrapping for PIT, Polynomial factoring algorithms, Lower bound problems, Pseudorandomness, Communication Complexity, Information Theory

Summer Internship

- 2016 Summer intern at Indian Statistical Institute, Kolkata (with Prof. Sandip Das)
- 2017 Visiting Research Student at Indian Institute of Technology Kanpur (with Prof. Nitin Saxena)
- 2018 Visiting Research Student at Universite Paris Diderot (with Prof. Herve Fournier)
- 2019 Senior Student Research Associate at Indian Institute of Technology, Kanpur (wth Prof. Nitin Saxena)

Teaching Experience

- Fall 2017 NPTEL Course Programming, Data Structures and Algorithms using Python by Prof. Madhavan Mukund (Teaching Assistant)
- Spring 2018 NPTEL Course Programming, Data Structures and Algorithms using Python by Prof. Madhavan Mukund(Teaching Assistant)
- Fall 2018 NPTEL Course Programming, Data Structures and Algorithms using Python by Prof. Madhavan Mukund(Teaching Assistant)
- Spring 2019 NPTEL Course Programming, Data Structures and Algorithms using Python by Prof. Madhavan Mukund(Teaching Assistant)
- Fall 2019 Advanced Algorithms Course by Prof. Prajakta Nimbhorkar at Chennai Mathematical Institute Teaching Assistant

Conferences and Workshops attended

- 27th Feb - Workshop on Arithmetic Complexity, held at Institute of Mathematical Sciences, Chennai
3rd March, 2017
- 4-8 Jan, 2018 IISc-ICAR School of Cryptology held at Indian Institute of Science, Bangalore.
- 25-29 March, 2019 Workshop on Algebraic Complexity Theory at the International Centre for Theoretical Science (ICTS), Bangalore
- December 10, 2019 Complexity in Algorithmic Game Theory at FSTTCS, 2019 held at IIT Bombay.
- December 11-13, 2019 39th IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science at Indian Institute of Technology, Bombay
- December 14, 2019 Extension Complexity and Lifting Theorems at Indian Institute of Technology, Bombay

Scholarships

Recipient of the SHE scholarship as part of the INSPIRE program from 2015-2018 from the Department of Science and Technology, India

Others

1. Played in the Cricket Association of Bengal U-16 tournament and Cricket Association of Bengal Second Division Cricket League
2. Extremely interested in photography and hiking.