

NANDINI BANERJEE

banerjeenandini07@gmail.com

EDUCATION

SRM Institute of Science and Technology 2015-2019
Bachelor of Technology CGPA: 9.38/10
Department of Computer Science and Engineering

Delhi Public School, Siliguri 2015
XII (PCMB) Percentage: 91.8%
CBSE

St Joseph's High School, Matigara 2013
X Percentage: 92.3%
ICSE

TECHNICAL EXPERIENCE

Tata Consultancy Services July 2019 - September 2021
Digital Profile

Employed as Systems Engineer

- Worked as a Java Full Stack Developer in the BFSI sector.

IIEST, Shibpur December 2018-July 2019
Final Year Project

- Worked on a project titled 'Plaintext Extraction in AES Algorithm Exploiting Secret Key Using Hardware Trojan'
- Implemented the logic derived in Python
- Basic implementation of the logic in Verilog using FPGA

IIEST, Shibpur December 2017
Internship

- Internship program on Microprocessor Based System Design
- Training on basic Latex organised by the Department of Computer Science and Technology, Indian Institute of Engineering Science and Technology

IBM India June 2017
Industrial Training

Worked on a Design and Analysis project of an Alumni Jobs system using website building technologies of both front and back end

TECHNICAL STRENGTHS

Computer Languages C, C++, Java, Python, R, JavaScript, Verilog(Basic Proficiency), SQL
Frameworks & Tools Spring Boot, AngularJS, MySQL, JUnit

PUBLICATIONS, CERTIFICATIONS AND OTHER ACHIEVEMENTS

- Das, N., Sen, R., Ray, D., **Banerjee, N.**, Halder, J., Tenhunen, H., Sikdar, B. K. “A trojan framework in AES core to evade state-of-the-art HT detection schemes”, *Microelectronics Journal*, Volume 111, **2021**, 105023, 0026-2692
- Received offer for the Kummer Innovation and Entrepreneurship (I&E) Doctoral Fellowship in 2022
- Certificate earned for Exploratory Data Analysis, R Programming, The Data Scientists Toolbox by Johns Hopkins University on Coursera
- Participated and won in TechKnow 2015 by the Department of Physics and Nanotechnology, Faculty of Engineering and Technology, SRM Institute of Science and Technology
- Participated and won in Technical Presentation for Personality Development Course held by the Career Development Center, SRM Institute of Science and Technology