

Personal Information:

Name: Ananya Banerjee
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Date of Birth: 01.01.1990
Address: Flat-4C, 25/A Shibaji Road, Kolkata-32



Objective

I believe in giving my best in whatever I do. I expect to work in an organization where I can utilize my knowledge and skills properly as well as enjoy professional and personal growth.

Subjects of Interest

Cryptography and Information Security, DBMS, Programming Languages, Networking, Operating System.

Working Experience

SACT in Computer Science Department in Basanti Devi College (September 2013 – Present)

Research Publications

1. Banerjee, Ananya, and Biswapati Jana. "A robust reversible data hiding scheme for color image using reed-solomon code." *Multimedia Tools and Applications* (2019): 1-20.
2. Banerjee, Ananya, and Biswapati Jana. "A Secure High-Capacity Video Steganography Using Bit Plane Slicing Through (7, 4) Hamming Code." *Advanced Computational and Communication Paradigms*. Springer, Singapore, 2018. 85-98.
3. Banerjee, Ananya, and Biswapati Jana. "Improving Data Hiding Capacity Using Bit-Plane Slicing of Color Image Through (7, 4) Hamming Code." *Information Systems Design and Intelligent Applications*. Springer, Singapore, 2018. 356-367.
4. Banerjee, Ananya, and Biswapati Jana. "High-Capacity Reversible Data Hiding Scheme Using Dual Color Image Through (7, 4) Hamming Code." *Communication, Devices, and Computing*. Springer, Singapore, 2017. 127-139.

Participation in Conference / Workshop / Seminar

1. 4th International Conference on Information System Design Intelligent Applications (INDIA - 2017), Vietnam.
2. First International Conference on Advanced Computational and Communication Paradigms (ICACCP-2017), Sikkim.
3. The 1st International Conference on Communication, Devices and Computing (ICCDC 2017), Haldia.
4. National Workshop on "VLSI, Communication & Signal Processing: Design & Implementation" sponsored by TEQIP-II
5. 10th International Conference on Computer Information Systems & Industrial management Applications (CISIM)

Academic Details

Examination	Institution	Council/ University	% of Marks	Year of Passing
M. Tech. (CSE)	University College Of Science & Technology.	University of Calcutta	77.39	2013
B. Tech. Computer Sc.	College of Engineering & Management, Kolaghat	W.B.U.T.	8.14 (D.G.P.A)	2011
Higher Secondary	Mission Girls' High School, Midnapore	W.B.C.H.S.E.	81	2007
Secondary	Mission Girls' High School, Midnapore	W.B.B.S.E.	88	2005

Skill Set

- **Programming Languages** : Java, C
- **Database** : MySQL, Oracle
- **Web Technologies** : HTML, ASP.Net
- **Software/Packages** : MS Office 2003/2007/2010
- **Operating Systems** : Windows 7, Windows 10, LINUX
- **Specialization** : Steganography

Projects & Seminar Details

1. An Efficient routing protocol for wireless sensor network using C & Unix
2. Privacy in Ubiquitous Computing using C & Windows
3. Implementation Of Firewall In GUI Mode using C, JSP, LINUX
4. Cloud computing to capture the needs of Medical Resource Management System using UML, J2EE, XML, e-Forms, AJAX, Web 2.0 (IBM Academic Initiative)
5. Implementation of OS Scheduler in GUI Mode using Java
6. Online Shopping cart using ASP.Net, C# (H.P)
7. School Management System using VB, MySQL
8. Self-Routing in Pervasive Computing Environment using SM(Smart message)

Achievements

1. Served as a Technical Program Committee (TPC) member and paper reviewer in ICACCP-2017.
2. First Round Qualified in "The Great Mind Challenge -2010" (annual national development program by IBM).
3. Received IXIA Fellowship to attend the 10th International Conference on Computer Information Systems & Industrial management Applications (CISIM).
4. Completed 3rd Rabindra Sangeet Course from Bangiya Sangeet Parishad.

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge.

Place: Kolkata

Date: 10 March 2022

Ananya Banerjee