

Curriculum Vitae

SRINWANTU DEY

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Personal Information:

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Blog Page: <http://nitdgp.blogspot.com>

Academic Background

2008: Offered admission at Johns Hopkins University, Maryland, USA for Masters of Science in Security Informatics for the fall, 2009 semester.
2007: B-Tech in Electronics and Communication Engineering from National Institute of Technology (Deemed University), Durgapur,
2003: Higher Secondary Examination passed from West Bengal Council for Higher Secondary Education.
2001: Secondary Examination passed from West Bengal Board of Secondary Education.

Honors and Awards:

2007: Bachelor of Technology degree from NIT, Durgapur with 8.21 CGPA in First Class with distinction.
2003: Ranked 493rd approximately among 2, 00,000 students in the merit list of West Bengal Joint Entrance Examination for admission into Engineering School for bachelor degree.
2003: National Merit Scholarship for excellence in Higher Secondary Examination from State Government.
2003: Among school and district toppers in the Higher Secondary Examination and achieved numerous accolades from different Government & non-Government organizations.
2003: Passed Higher Secondary Examination conducted by West Bengal Council for Higher Secondary Education with 82.10% marks in 1st Class distinction with individual Honors (>80%) in Mathematics and Physics.

2001: National Merit Scholarship for excellence in Secondary Examination from State Government.

2001: Among school and district toppers in the Secondary Examination and achieved numerous accolades from different Government & non-Government organizations.

2001: Passed Secondary Examination conducted by West Bengal Board of Secondary Education with 87.25% marks in 1st Class distinction with individual Honors (>80%) in Mathematics, Physical Science, Life Science and Mechanics.

1999: Winner of scientific and environment activities conducted by All India Science Teachers Association and Govt. of West Bengal.

WORK EXPERIENCE:

August, 2007 - Present: Working in Cognizant Technology Solutions, Kolkata - A New Jersey based Multinational Company listed in NASDAQ

Designation: Programmer Analyst & Developer

- Presently working in the Salesforce.com competency in the Client Relationship Management (CRM), since November 2007 for the client MetLife, on a project titled 'OIM Database Development' (Phase 1, Phase 2 and Phase 3) which deals with the contact management of all outside money manager attached with different firms and funds. Salesforce.com which is hosted application and leader in on-demand technology provides the back end infrastructures.
- Responsible for requirement gathering, proposal writing and reviewing, development and Maintenances. .
- Enhancement and bug fixing of programs and analyzing the system to improve performance.
- Responsible for train the entry level trainees about On-Demand Technology and Java.
- Construction of the Test Cases, Unit test, System test and helping the client in Acceptance testing

Appointments & Volunteer Contributions:

2009 – Present: Appointed as Online Editor of 'ACM Crossroads' - the journal of Association for Computing Machinery (ACM); world's largest educational and scientific computing society.

2009 – Present: Working as an active translator and contributor for Wikimedia Foundation and its local project.

2008 – Present: Working on Mozilla Foundation Bengali Localization and Support Project and involved in authoring, editing and reviewing articles for Mozilla Support Community.

Technical Skills

Operating System: Windows NT, Windows XP, Windows Vista, Linux.

Programming Languages: C, C++, Java, SQL, Visual Basic, HTML, Java Script, Apex Code.

Miscellanies: Software Development Life Cycle, Quality System.

Project Works

2009 (Ongoing): Currently contributing in an open source project on developing Blue Writer - a Java word processor under GNU General Public License (GPL) based on Java Swing Interface. I am responsible for documenting and writing user manual of the software.

2007: A project on "SENSOR NETWORKS" where a distributed, randomized clustering algorithm to organize the sensors in a wireless sensor network into clusters has been proposed.

2007: A project titled "DIGITAL WATERMARKING USING MULTIREOLUTION ANALYSIS" where the proposed watermarking architecture describes an oblivious data hiding technique in the wavelet domain.

2006-2007: Design the data base for a Germany based Shipping and Mining Company under the guidance of "DataPro InfoWorld" as a live industrial project.

2006: Design and Implement an "ENCRYPTION AND DECRYPTION ENGINE" on the principle of Stream Ciphers which able to encrypt and decrypt data on the basis of LFSR-based Stream Ciphers.

Publications and Articles

2009: An article on 'Cryptology' describing "the Design and Implementation of an "ENCRYPTION AND DECRYPTION ENGINE" on the principle of Stream Ciphers which able to encrypt and decrypt data on the basis of LFSR-based Stream Ciphers", reviewed and published in Hamilton Institute online journal on 24 January 2009.

Trainings:

2008: Completed Online Summer Training on Linux conducted by Linux User Group, NIT Durgapur.

2008: Completed short-term training on Advanced Business Writing conducted by Cognizant Academy.

2007: Completed training on Oracle, Core Java, Visual Basic and Quality Systems at Cognizant Academy with Grade A.

Presentations:

2007: Presentation on "Fibonacci Number in Everyday's Life" in seminar organized by Electronics & Communication Department of NIT, Durgapur.

2006: Presentation on "Network Firewalls" in seminar organized by Electronics & Communication Department of NIT, Durgapur.

Memberships and Affiliations:

2008 - Present: Founder of Indian Society for Free Software Users (<http://www.freedomcomputing.co.cc>) affiliated to Free Software Foundation.

2008 – Present: Member of International High IQ Society.

2008 – Present: Member of Hamilton Institute.

2008 - Present: Global Member of "Internet Society" and Professional Member of Internet Society – Kolkata, India Chapter.

2008 - Present: Member of "The International Society of Dynamic Games"

2008 - Present: Member of “Linux Online Group”

2008 - Present: Certified Member of National Computer Science Academy.

2006 – 2007: State Representative and Core-Coordinator of Youth for Equality, West Bengal Chapter.

2004 - 2007: Member of “Linux User Group, NIT Durgapur”.

Certifications & Examinations;

December, 2008: National Computer Science Academy certification on HTML 4.0.

October, 2008: Test of English as Foreign Language (TOEFL)

September, 2008: Graduate Record Examination (GRE)

Extra Curriculum Activities and Achievement:

- Organizer of National Level Technical Festival “Aarohan” at NIT Durgapur.
- Founder Member of “Chayanika” – the Art & Cultural wing of NIT Durgapur
- Hobby: Website Designing.
- Winner of lots of awards in national, corporate and state level quiz.
- Played various types of outdoor & indoor sports say soccer, cricket, volley ball, basket ball, table tennis etc.
- A potential blogger

