Rohan Ghosh

Computer Science Engineer
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HIGHLIGHTS OF SKILLS AND TRAITS

- Proficiency in C, C++, SQL Server and MySQL.
- Systems: Windows 7, Windows 8 and UNIX (Linux).
- Good problem solving and negotiation skills as demonstrated through part-time work experience as a self-employed tutor.
- Excellent communication, listening and team work skills as demonstrated through various team sport experiences.
- Fluent in English, Hindi and Bengali.

EDUCATION

Bachelor of Technology, Computer Science and engineering   **Durgapur, West Bengal**
National Institute of Technology, Durgapur   2010- 2014
- Specialization: Computer Science and Engineering
- Key courses to date: Data Structures, OOPS concept, Algorithms, OS, Computer Networking, Database Management System, Computer Architecture, Micro Processor, Cryptography, AI, Advanced OS, Soft Computing.
- CGPA – 7.58/10

CBSE   **Kolkata, West Bengal**
Army School, Barrackpore   2007- 2011
- Got an aggregate score of 84 in the CBSE 2010

ICSE
St. Xavier's Institution, Sodepur
- Got an aggregate score of 84 in the ICSE 2008

CO-OP & WORK EXPERIENCE

Samsung Research India, Bangalore   **Bangalore, Karnataka**
Working in Multimedia and Application Team   June, 2014 - Present
- Studied the Sub-Classification Engine made by the SRI-B team and tried using different algorithms to improve the Engine's accuracy.
- Integrated the Sub-Classification Engine with a custom gallery which used the default classification Engine.
- Updated the code-base of Collage-Gallery for Lollipop update in Android.

HP India Pvt. Ltd- Summer Project   **Kolkata, West Bengal**
Using ADO.NET to implement a Library management application   June-July 2013
- Designed and implemented a Library management application using Visual Studio 2010 and SQL Server 2008
- Using concepts of Windows Form in Visual Studio IDE, GUI was designed and functionality was added using C# .NET as the programming language.
- SQL Server connection was made and was used to connect to the 'Library' database for storing/updating/deleting data from the .NET front.
- Implemented concepts of global classes and sub-classes to make programing compact and easily debuggable.

Image processing and Sound rendering to produce graph   **Kolkata, West Bengal**
Indian Statistical Institute, Kolkata   July 2013
- Collaborated with a team of three individuals, while reporting to the professor, for the purpose of creating an application in C++ which took in sound as an input and produced the corresponding wave for further manipulation.
- Learned about Digital Signal Processing, Image processing, and Fourier transforms.

LEADERSHIP AND VOLUNTEER EXPERIENCE

SARVAM Camp Volunteer for Arts and Crafts   **Tamil Nadu and Pondicherry, India**
Sri Aurobindo Rural & Village Action & Movement (SARVAM)   April 2012- May 2012
- Designed, implemented and taught a team of five mothers, prior to the start of camp, with limited use of verbal communication to co-ordinate, plan and execute different activities and special programs to build teamwork and communication within village students of grades 1-12
- Modeled character and good behavior for campers including listening, responsibility, initiative and sportsmanship; supported students to try new activities, develop new skills and resolve conflict
- Recognized and received praise from the Camp Manager, team of mothers and camp attendees for being able to successfully adapt to a different culture and traditions, and showing initiative and hard work

Member of the student Council   **Kolkata, West Bengal**
Army School, Barrackpore   2009-2010
- Collaborated with other members of the council in organizing events and the cultural fest.

ACTIVITIES AND INTERESTS

ACM Inter-Collegiate Programing Competition   **Kolkata, West Bengal**
  Qualified for the ACM-ICPC Amritapuri regionals.   November 2012

Tutor for High-School Students   **Kolkata, West Bengal**
  Self-Employed   June 2011- August 2012

Mahindra and Mahindra   **Durgapur, West Bengal**
  Auto Quiz Contest   August, 2012
Participated in quiz conducted by Mahindra and Mahindra and was declared the city final winner.

National Talent Reward Exam   **Kolkata, West Bengal**
FIITJEE   2010
- All India Rank of 209 and won a prize money amounting to Rs.15,000

High-School Extra-Curricular Involvement   **Kolkata, West Bengal**
St. Xavier's Institution, Sodepur   up to 2010

Athletics: School Football team
- 2nd Place in Regional the Regional inter-school competition.

Robotics Team: St. Xavier's Institution Robotics Team
- 2nd Place at a regional competition that recognizes efforts in skilled trades and technologies