

Soumya Ghose

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Permanent Address: A ½ Labony Estate,
Saltlake,
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India.

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CAREER OBJECTIVE:

To pursue an enthralling career that promises intellectual and personal development. I want to work as a team member in a friendly environment contributing significantly to the development of creative and innovative ideas.

EDUCATION QUALIFICATION:

- Erasmus Mundus Masters of Computer Vision and Robotics (VIBOT) 2007 - 2009 , Heriot Watt University, University of Girona and University of Bourgogne.
- Master of Computer Applications (MCA), 2002-2005 from Indira Gandhi National Open University (IGNOU), India. First Class.
- Computer Based TOEFL score of 263.
- Computer Based GRE score of 1210 (Quant 660, Verbal 550).

PUBLICATIONS:

- Published research paper “Segmentation of noisy digital curve for approximation with Bezier” in IEEE International Conference on Signal and Image Processing (ICSIP)’06 at Hubli, India.

- **Published research paper “A Projection based statistical approach for hand written character recognition” in IEEE CS Press at International Conference on Computational Intelligence and Multimedia Applications (ICCIMA)'07 in December, 2007 at Shivakasi, India.**

WORK EXPERIENCE:

- **Summer intern in Le2i, computer vision research laboratory in Le Creusot, France (June 2008 – August 2008). Worked on defect detection of industrial parts using Image Processing.**
- **Two years experience as a lecturer of Computer Application Dept. in JIS College of Engineering, Kalyani, Nadia, India till 5th, Sep, 2007. Subjects taught Computer Graphics and Multimedia. Conducted projects on speech recognition for final year computer science students.**
- **Experienced in working on project on text independent speaker recognition using Linear Predictive Coefficients (LPC) and Hidden Markov Model (HMM) under Scientific Officer. Mr. Sarbajit Pal (SO (G)) Computer Division VECC (Variable Energy Cyclotron Centre), Department of Atomic Energy, Govt. of India, Kolkata, India (2003-2004).**
- **Experienced in working on project on speech recognition using Mel Frequency Cepstral Coefficients (MFCC) and HMM under the guidance of Mr. Sarbajit Pal (2003-2004).**
- **Experienced in working on projects on Image processing under Scientific Engg. Mr. Sarbajit Pal.**

AREAS OF INTEREST

- **Medical image analysis.**
- **Hand written character recognition.**
- **Speech and speaker recognition.**
- **Face recognition.**
- **Machine learning and pattern recognition.**
- **Image processing and computer vision.**

SOFTWARE PROFICIENCY:

- **Languages C, C++, JAVA, VC++ (MFC) and Windows Programming & OpenCv.**
- **C & C++ programming in Linux environment.**
- **Data Structure in C and C++.**
- **Scientific Package MATLAB.**
- **DBMS packages Oracle8i & FOXPRO.**
- **Front End VB 6.0.**
- **System development in VB 6.0 and Oracle 8i.**
- **Web Designing HTML, Flash 5.0**
- **Multimedia Packages Adobe Photoshop 6.0, Sound Forge, Swish Max etc.**
- **Operating System MS DOS, Windows 98, NT, XP & Red Hat Linux 7.0.**

PERSONAL SKILLS

Comprehensive problem solving abilities. Good verbal and written communication skills, willingness to learn, ability to work in a team and a hard worker.

EXTRA-CURRICULAR ACTIVITIES:

I am very keen on sports particularly football.

- **Best football player of school 1996.**
- **Represented school on several Inter School Tournaments.**
- **Represented local ward (district) and local club in football Tournaments.**

PERSONAL PROFILE:

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| Name | Soumya Ghose |
| Father's Name | Arup Ghose |
| Mother's Name | Dipali Ghose. |
| Nationality | Indian |
| Date of Birth | 29-10-1976 |
| Hobbies | Playing Football, Long Distance running, Swimming, Cycling, Creating Flash presentations, Traveling, Digital Photography. |
| Language Known | English, Hindi and Bengali. |

Reference:

Available on request.