

Anirban Mukhopadhyay

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Education

Ph.D., Computer Science, University of Georgia, Athens, GA, August 2009- present.

B.Tech., Computer Science & Engineering, West Bengal University of Technology, Kolkata, May 2009.

Achievements & Honors

- Awarded the *Certificate of Merit* by the Metro Railway Recreation Club in recognition of the high rank secured amongst the student who passed the Secondary School Certificate Examination conducted by the West Bengal Board of Secondary Education, April 2003.
- Awarded the *Certificate of Merit* by the Metro Railway Recreation Club in recognition of the high rank secured amongst the student who passed the qualifying for awards in the Higher Secondary Examination conducted by the West Bengal Council of Higher Secondary Education, April 2005.

Research Experience

- *Detection and localization of plaque accumulation in Intravascular Ultrasound (IVUS) images:* Bioimaging research project in collaboration with the Piedmont Heart Institute, Atlanta, GA. My co-advisors on this project are Dr. Suchi Bhandarkar and Dr. Tianming Liu, Department of Computer Science, University of Georgia and Dr. Zhen Qian, Piedmont Heart Institute. September 2009 – present.
- *Classification of the ripple pattern on ion-bombarded silicon surfaces using Atomic Force Microscope (AFM) images:* Research project on analysis of AFM images performed in the Saha Institute of Nuclear Physics, Kolkata, India. My co-advisors on this project were Dr. Sandip Sarkar, Saha Institute of Nuclear Physics, Dr. Amlan Raychaudhuri, Department of Computer Science & Engineering, B.P. Poddar Institute of Management & Technology, Kolkata, India. My work resulted in a novel algorithm for ripple estimation of ion bombarded silicon surface AFM images. August 2008 – July 2009.
- *Design and development of “Lekhani” - a multilingual text editor:* Design and development of a C++ based text editor which can perform various primary tasks for a notepad in English and 5 Indian languages (Bengali, Oriya, Devnagari, Tamil and Malayalam), Saha Institute of Nuclear Physics, Kolkata, India. The functionality of the text editor included writing efficiently all the characters in a phonic manner and efficient use of glyphs which are a prominent characteristic of complicated Indian languages such as the ones mentioned above. June 2007 – October 2007.

Work Experience

Teaching Assistant, Department of Computer Science, University of Georgia, August 2009 – present.

Industrial Training

Completed an industrial training program on J2EE Technology from Computer Society of India (CSI) as part of my undergraduate curriculum. The training program provided valuable insights on how to gain professional expertise via rigorous study of theory. November 2008 – December 2008.

Publications

- Sandip Sarkar, Anirban Mukhopadhyay and Sofiul A. Mollick. Image Segmentation for Rippled Pattern Classification on Ion Bombarded Silicon Surface. *Proceedings of the Recent Trends in Computing Technologies, Kolkata 2009, pp.118-123.*
- Anirban Mukhopadhyay, Suchendra M. Bhandarkar, Tianming Liu and Zhen Qian, IVUS image contour segmentation. *Proceedings of the 10th Annual Interdisciplinary Conference on Health Science Disciplines, Athens, GA, March 27, 2010, accepted.*

Personal Information

Date of Birth: March 6, 1987

Sex: Male

Nationality: Citizen of India

Languages: English, Bengali and Hindi (can speak, read and write fluently).