

# Nirmala Paudel

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- CONTACT INFORMATION**      32-210      *Phone:* 617-780 8842  
Computer Science and Artificial  
Intelligence Lab  
Massachusetts Institute of Tech-      *E-mail:* nirmala@mit.edu  
nology  
Cambridge, MA, 02139
- RESEARCH INTERESTS**      Computational Modeling of Cell Signaling Pathways, Application of Control Engineering Principles in Regulating Biological Networks.
- EDUCATION**      **Massachusetts Institute of Technology**, Cambridge, Massachusetts, USA  
Ph.D. Candidate, Department of Biological Engineering, September 2009 - present.  
• Dissertation Topic: “Regulation Dysregulated Signaling Pathway Using Control Engineering Principles”  
• Advisor: Bruce Tidor  
**Univeristy of Oxford**, Oxfordshire, England  
MEng, Engineering Science, September 2005 - June 2009.  
**Hastings College of Arts and Technology**, Hastings, UK  
International Baccalaureate Diploma, September 2003 - June 2005  
**Budhanilkantha School**, Kathmandu, Nepal  
School Leaving Certificate (SLC), 2002
- HONORS AND AWARDS**      Pestalozzi Overseas Childrens’ Trust Scholar, 1995-2002  
Pestalozzi International Village Trust Scholar, 2003-2005  
Hastings College of Arts and Techonology : Student of the Year, 2005  
Oxford University Nuffield Engineering Award, 2006  
Undergraduate Research Scholar, Janelia Farm Research Campus, HHMI, 2008  
Oxford University: First Class Honours in Engineering Science, 2009
- HOBBIES**      • Table Tennis  
• Chess
- SPECIAL INTERESTS:** • Creating Educational Opportunities for deserving and underpriviledged children in Nepal through Pestalozzi Overseas Childrens’ Trust by:  
1. Involvement in fund raising and awareness activities.  
2. Contribution of articles in the Trust’s Newsletters, Magazines and promotional materials as an alumni of the trust.
- COMPUTER SKILLS**      • Operating Systems: Unix/Linux, Windows.  
• Mathematical Packages: Matlab  
• Applications:  $\LaTeX$ , common Windows document and data processing tools

LANGUAGE SKILLS

- Nepali: Native, fluent is written and spoken
- English: Fluent in written and spoken
- Hindi: Good written and spoken
- Spanish: Basic knowledge

REFEREE

Bruce Tidor  
Professor, Biological Engineering  
Massachusetts Institute of Technology  
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