

Dovan Rai



Dovan Rai, from Nepal, is a Ph.D. student at Worcester Polytechnic Institute majoring in Computer Science. After completing her Bachelor's degree in Electronics Engineering, she worked as a software engineer, graphic designer and as an engineering teacher. She also completed a master's degree in sociology while writing articles about social and political issues in national Nepalese newspapers.

A woman of many interests, Dovan has won competitions in sports, debate, literature and design, including a best paper award for her final engineering project at the National Students' Conference on Information Technology.

The International Fulbright Science and Technology Award grant has given her the opportunity to pursue her dreams conducting research in Intelligent Tutoring System (ITS), which she believes will revolutionize the way we teach and learn. ITS also combines her interest in artificial intelligence, cognitive science, design, education and development. Dovan is particularly interested in visual and alternative forms of learning that make it easy, accessible and fun.

She hopes that ongoing technological advancements will bridge the existing technological gap between communities with and without access to computers, and that intelligent tutors will be able to help disadvantaged children such as those in her home village, where books and human expertise are expensive and inaccessible.