Decades ago Rafael was advanced to candidacy for a PhD in mathematics from UC Irvine, and was awarded an MS in mathematics. Parallel to his interest in mathematics has been a lifelong interest in artificial intelligence, and in the past few years this interest has become an increasingly focused study. Last December Rafael completed his MS in Computer Science with a machine learning specialization at Georgia Tech, and this past summer he pursued research at the Graz University of Technology Institute of Computer Graphics and Vision, applying deep learning to problems in computer vision. Now, as Rafael nears retirement after teaching mathematics at BC for almost 30 years, he’s considering going for a PhD in machine learning, focusing on deep learning.

About the lecture

AI is increasingly affecting all of our lives. It now seems likely that machines may soon actually attain sentience, or at least act as though they were as sentient as you or I. Automation will certainly continue to eliminate jobs at an accelerating rate.

The ethical ramifications of this technology are vast and will be increasingly pertinent. Our very species survival may well hang in the balance. But whether you are terrified at imagined dystopias this technology may engender, or excited by utopic visions of the future this technology can make possible, artificial intelligence is evolving at an exponential rate. The day of the sentient machine is coming, whether we like it or not.

Come to Rafael’s talk to learn more about the latest AI breakthrough—deep learning – what has recently been achieved, and what we may expect in the near (and distant) future. Though it may sound like science fiction, this is an engineering reality right now. Come learn what it has accomplished, as well as what it portends for our species future!

Norman Levan Center for the Humanities
Curried Peanut & Tomato Soup, Samosas w/ Mango Chutney, Vegetable Egg Rolls and Israeli Salad will be served

No registration required
www.bakersfieldcollege.edu/levancenter

Event sponsored by:
Norman Levan Center for the Humanities

Friday, November 3, 2017
11:30 AM - 1:00 PM