

Sadegheh Haghshenas

After high school, I did not have a clear idea about the exact content of the fields that I could choose, but I was sure that I would enjoy studying either an engineering subject, mathematics, or physics.

I am a Postdoctoral Associate in the Department of Pathology and Laboratory Medicine at Western University. *I've been working on projects that use machine learning and statistical models to classify patients with rare genetic disorders.*

I was born in Shiraz, a city in south of Iran and raised in Jahrom. I finished grade school in Tehran, as well as my bachelor's in pure mathematics. I received my master's degree in differential geometry from the Institute for Advanced Studies in Basic Sciences in Zanjan, Iran, in 2008. I received my PhD in mathematics at Memorial University of Newfoundland in 2015.



The field I am working in right now is very different from pure mathematics. However, it involves problem solving and the way my mind is challenged when writing a code or trying to apply statistics in solving the biology question in hand, often reminds me of the challenges I had when proving a hypothesis in mathematics. So, I think the skills that I have gained in all the years of studying mathematics are very useful in the new field.

Other Interests

These days, I bike to and from work every day and do Pilates on weekends. I did karate for 8 years and I am a big fan of karate, climbing and hiking, soccer, ping-pong, and chess. I enjoy listening to music, playing santour (a Persian musical instrument similar to a dulcimer).