

My profile



My name is Shruti. I was born and brought up in Jaipur, Rajasthan, India. In my family I have my mom, dad, and a younger sister. Since childhood I have seen my parents doing unconditional deeds for people around us. Their caring nature for others inculcated the same desire in me to help other people in my best capacity. My dad works in the Pharmaceutical industry. His occupation inspired me to learn science, more specifically biology. Understanding human physiology and anatomy always fascinated me. My eagerness and passion to become a doctor motivated me to prepare for pre-medical entrance exam but destiny had something else in mind. After passing grade 12, I opted for the Bachelor of Technology in Bioinformatics at the Vellore Institute of Technology in Tamil Nadu. During my undergraduate program, I became fascinated with computational biology and its importance when in one lecture my professor talked about the Human Genome Project and how deciphering the genome has favoured scientists in underpinning mechanisms involving various human diseases.

After my B.Tech., I got enrolled in a masters program at the University of Calgary, Calgary, Canada. During my master's program I worked on a project that required me to develop a bioinformatics workflow to identify parasite or commonly called worm proteins that mimic human proteins. The aim behind the project is fuelled by research studies that have shown that when worms infect us, they try to stay inside our bodies by hiding or fighting with our immune defence. While doing so they secrete unknown proteins that confuse our own immune system to think foreigners as self-tissue. Working on this project was exciting and at the same time enlightening for me. Currently, I am looking forward to getting into a PhD program to further pursue my research interests.

Apart from academics, I love spending time with my animal companions. I strongly believe that getting along with animals could make us more sensitive and compassionate human beings.

My linked in profile is at- <https://www.linkedin.com/in/shruti-srivastava-908ab050/>