

Statement of Purpose

Concordia University

Master of Applied Computer Science

I have a keen interest in computers since my high-school days. I used to repair computers on my own and to upgrade them with the latest operating system was a fun thing to do for me during those days. Therefore, I decided to pursue engineering.

I got admission into Dharmsinh Desai University, which is one of the most prestigious university in our state. I started being interested in programming when I took a C programming course during my curriculum. So, I decided to make my career in Software Development. After completing my under-graduation, I got selected in a Telecom product development organization as a Software Developer from the campus interview. My first project was to develop SMS server on the Linux platform. So, I learned about Linux by reading books and watching online tutorials. From that point onward, I have kept on learning about new computer science concepts and technologies by myself. By working on real world projects in a team environment, I have gained valuable skills such as teamwork, planning and project management.

I have learned about core computer science subjects such as Algorithms, Database systems, Data structures and Operating systems on my own. I frequently participate in online competitive programming contests on HackerRank to improve my programming skills. Also, I educate myself by taking different online courses on edx, coursera and udacity. I do freelancing in my spare time to apply my skills which I have gained from online courses into the real world projects.

I am fond of open source software development. I regularly contribute to open source projects hosted on GitHub with other contributors to make an impact in a large community. I attend technology events held by meetup.com to get awareness about latest trends in the software industry. The renowned groups in which I go are as follows,

- Google Developer Groups
- Mozilla
- Wordpress
- Python Express

My long term goal is to become a **Data scientist**. This domain is a combination of mathematics and programming which suits my background and future interests. I am getting familiar with Machine learning by doing online courses and reading articles on this topic. I have also made few machine learning open source projects and posted them on GitHub.

My desire to find more efficient methods of powering our lives through machine learning products has led me to study Concordia University's masters program in Applied Computer Science. I want to broaden my theoretical knowledge of computer science. I have professional work experience, the motivation and the zeal to pursue further education. I believe that Concordia University's graduate program would be the best place for me to achieve my future goals.

I want to study at Concordia University for a number of reasons; first and foremost is that there are highly qualified professors in the university. Secondly, the university offers work-integrated learning opportunities. Thus, I would feel highly privileged to be a part of Concordia University's graduate program. I believe that, I will match all the credentials and will be able to maintain high standards at Concordia University.