# Statement of Purpose

Building small computer games, line follower robots and repairing computers, I got overwhelmed with electronics and programming since my school days. I was exceptional in maths and computers. So, I decided to make a career in the software industry.

After completing my under-graduation, I got selected in a product development company as a Software developer from the campus interview. I got opportunity to work on Linux platform for the first time. So, I learned about Linux by reading books and watching tutorials. From that point onwards, I kept on learning about new computer science concepts and technologies by myself. By working on real world projects in a team environment, I discovered new skills such as teamwork, planning and time management.

I have learned about core computer science subjects such as Algorithms, Data structures and Operating systems on my own. I have also participated in online competitive programming contests on HackerRank to improve my programming skills. 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 gained from online courses into the real world projects. I contribute in open source projects hosted by GitHub with other contributors to make an impact in a large community.

I attend technological meet-ups and events organized from meetup.com to update myself with latest technologies. The renowned groups in which I go are as follows.

- Google Developer Groups

- Mozilla

- Wordpress

- Python Express

I like solving challenging problems. The kind of problems that have not been solved before, that might not even appear to be problems at first sight. The kind of problems one learns to solve at research universities. My long term goal is to start my own organization which builds machine learning based innovative products.

I have the work experience, the motivation, and the entrepreneurial spirit. But I'm lacking the graduate level computer science expertise. I believe British Columbia's Computer Science graduate program would be the best place for me to gain that.