2-Engineering Interests and Goals

Briefly explain why you are interested in engineering and particularly in the program to which you have applied. Comment, for example, on your interests and abilities; your career goals; exposure to engineering through school-related and other experiences; and discussions you have had with engineers, teachers, current or past Waterloo students. (900 character limit)

I have always been interested in building something. When I was a kid, I loved playing LEGO. When I grew older, I fell in love with woodcraft, though limited due to lack of equipment. This problem, however, went out of the way when I later started learning competitive programming. All I need is a computer and an internet connection. CP is mainly about algorithms and problem solving, but during my spare time I also surfed the internet for interesting projects such as CYaRon, cf-tool, LaTeX, etc. After I retired from competitive programming, I started developing. I played with Linux server and self-deployed several services such as TTRSS, BitWarden, Huginn, etc. I learned JavaScript and TypeScript and wrote a plugin for the note-taking app Obsidian, which is also developed by two Waterloo graduates. I also learned to use Vitest for test driven development and esbuild for rollup.