

Case Ploeg

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SKILLS

Technical

- Strong ability to work with Microsoft Word / Excel developed by taking general business courses while in high school resulting in functional knowledge spreadsheets, professional documents, and business statements
- Strong ability to design algorithms developed by completing multiple challenge questions on competitive programming website open.kattis.com for the University of Toronto
- Adequate ability to create aesthetically pleasing websites using HTML and CSS and organize information within them developed by taking part in the web development branch of the Computer Science Enrichment Club at the University of Toronto Scarborough
- Adequate knowledge of Java, Python, and C++ developed while working on in class assignments, personal projects, and competitive programming

Interpersonal

- Strong ability to provide customer service as well as work on a team, developed while working as a team member at Tim Horton's
- Strong ability to be flexible with work hours developed while working part time as a student, which resulted in experience with working long hours as well as on holidays and weekends
- Adequate professional judgement developed by trial and error while becoming experienced and accustomed to working in the service industry for an extended period of time

Education

University of Toronto Scarborough

September 2017 - Present

Candidate, Honours Bachelor of Science

- Specialist in Software Engineering Co-op, 1st Year
- CGPA 3.8/4.0
- Received Entrance Scholarship (\$1000)

Extracurricular Activities

Competitive Programming (<https://open.kattis.com/users/case-ploeg>)

October 2017 - Present

- Developed the ability to apply the skills that are taught in the classroom to creative problems, resulting in a top ten placement on the University of Toronto leaderboard for this website
- Developed the ability to design algorithms fit for a wide range of problems, resulting in a strong understanding of the design process

Long Distance Running

October 2017 - Present

- Developed resilience to fatigue and the ability to push through difficulties while working on a problem
- Developed the ability to remain consistent with daily tasks
- Developed the ability to incrementally progress towards a goal in order to achieve it, resulting in documented progress towards a goal of completing a 10-kilometer run

Work Experience

Team Member

March 2015 - June 2017

Tim Horton's, Elmvale, Ontario

- Encouraged other team members to be kinder towards each other resulting in a happier and more productive workplace
- Worked without supervision for long periods of time resulting in management of 4-5 other team members freeing up time for the shift supervisor
- Stayed with the franchise for an extended period of time resulting in knowledge being shared with new team members making the training process smoother for the employer
- Performed back of house tasks including garbage disposal and washing dishes resulting in flexibility with the tasks that would be performed during a shift

Projects

Chess Engine / Game

April 2017 - June 2017

ICS4U (Grade 12 Computer Science)

- Researched inner workings of 2D game engines in Java and completed tutorials in order to complete an engine capable of displaying 2D graphics
- Gained experience working with professional grade development environments such as Eclipse IDE and IntelliJ IDE, resulting in efficient and fast development process.
- Developed a working prototype of a 2 player chess game complete with most logic from a real life chess game implemented. The prototype included original artwork imported into the project using Java.