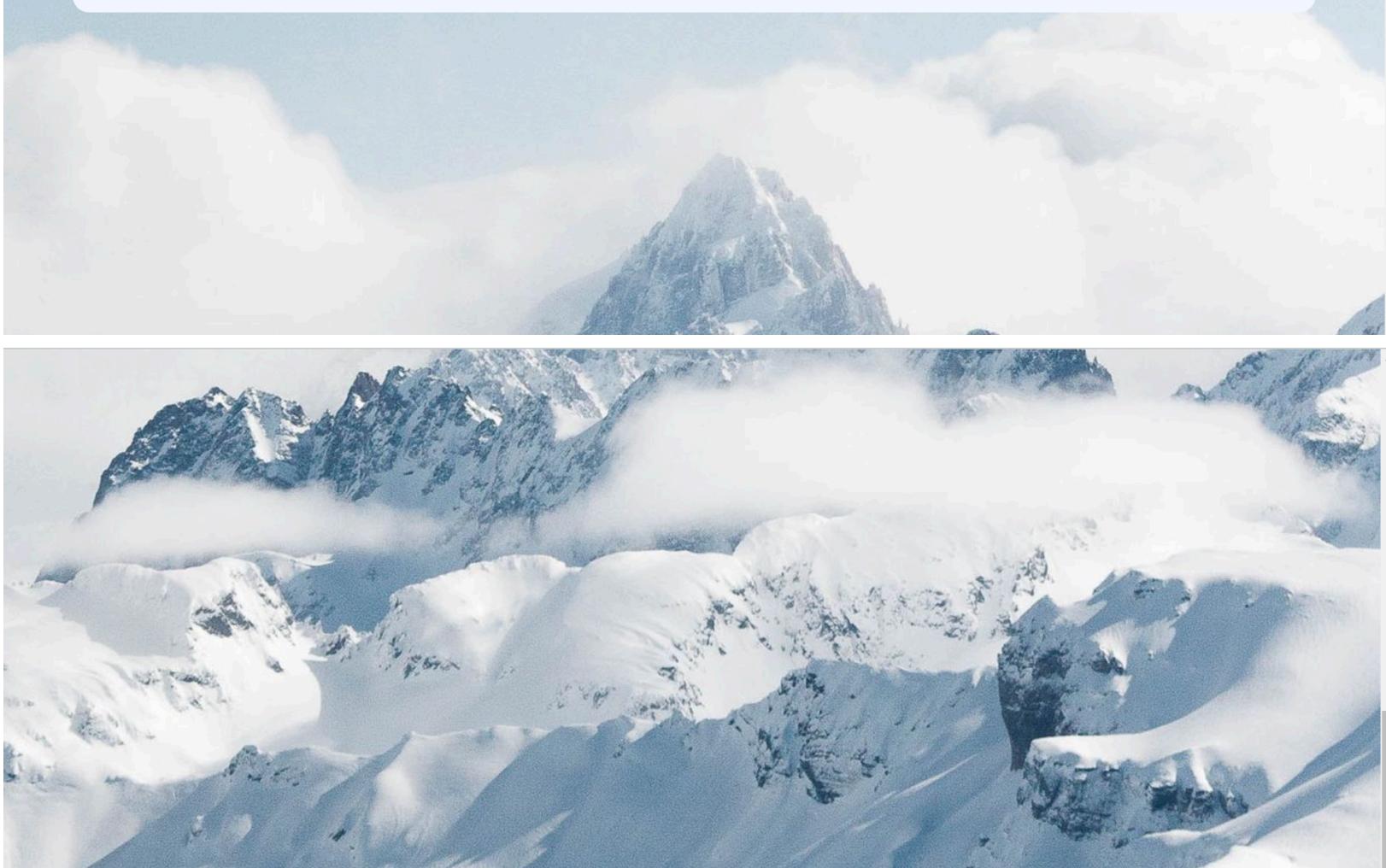




Hi, I'm Daniel Dombrovsky

Welcome to my portfolio website. Feel free to look around and explore my life and the beginning of my tech career.



Contact Me:

Feel free to check out my Github, Linkedin, or send me an email.





About Me

My name is Daniel Dombrovsky. I am currently a student at the University of Guelph in the Bachelor of Computing program, majoring in Software Engineering with Co-op. I love being involved in my community by attending computing events, joining clubs, and meeting new people. My courses have refined my back-end development skills, which are complemented by the hands-on experience I gained in front-end development through my extracurriculars. I thrive at working in collaborative environments and creating innovative solutions to intricate problems.

Outside of university, I am interested in baking. I love trying new recipes I come across online and cooking family recipes at home. I love biking with my family and spending time outside during the Summer. I currently live in Cambridge and cannot wait to complete my degree to travel the world.



This is a photo of me during the Fall 2023 semester.

A fun fact about me is that I have previously broken my left leg, my right leg, and had a fingernail come off.

Experience

SOCIS President

Dec 2023 - Present

Guelph, Ontario, Canada

I took over as the president of the Society of Computing and Informational Science during a chaotic time for the club and I began rebuilding the club. I led the executive team to success by organizing meetings, meticulously planning out the budget, and advocating for computing students at faculty curriculum meetings. The club also launched brand new computing merch to represent Guelph Computing, which was very popular with students. Below



Some of our most successful events for the club were:

- Study Night (50 people)
- Games Night (60 people)
- Coding Competition (75 people)



The above image is a group picture of all the computing leaders coming together at the SOCIS Election Social event to welcome the newcomers.

GDSC Marketing and Publicity Director

Sep 2023 - Present

Guelph, Ontario, Canada



In this role, I marketed the Google Developer Student Club workshops and managed the club's social media presence. I planned and executed large-scale events of up to 120 people, teaching the basics of web development to guide students to develop websites with digital grocery lists and other website elements. Additionally, I volunteered at Google DevFest Waterloo 2023, working with Google employees to organize an event with an attendance of over 300 participants.

Projects

Baby Names Frequency Tracker

January 2023- April 2023

In Software Design II, me and a group of four collaborated developed a user-friendly menu together, that allowed users to track names' popularities across time and determine their ethnicities. This was implemented by normalizing CSV files to a standard format and converting them to Pandas data frames in Python. The image below displays the beginning of the project, when the program standardizes CSV files.

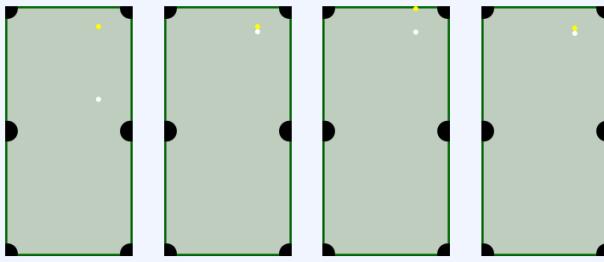
#	A	B	C	D	E	F
1	Name	Rank				
2	EMMA	1				
3	EMILY	2				
4	MADISON	3				
5	ABIGAIL	4				
6	SARAH	5				
7	MACKENZIE	6				
8	LUCY	7				
9	HANNAH	8				
10	CHLOE	9				
11	JENNA	10				
12	BRIANNA	11				
13	MEGAN	12				
14	JESSICA	13				
15	KAITLYN	14				

#	A	B	C	D	E	F
1	Year	Sex	Name	Count	Rank	
2	2003	F	ABIGAIL	-	1	
3	2003	F	ALEXANDRA	-	2	
4	2003	F	ALEXANDRI	-	3	
5	2003	F	ALEXIS	-	4	
6	2003	F	ALICIA	-	5	
7	2003	F	ALLISON	-	6	
8	2003	F	ALYSSA	-	7	
9	2003	F	AMANDA	-	8	
10	2003	F	AMBER	-	9	
11	2003	F	AMELIA	-	10	
12	2003	F	AMY	-	11	
13	2003	F	ANDREA	-	12	
14	2003	F	ANNA	-	13	
15	2003	F	ASHLEY	-	14	

Billards Pool Game Simulator

Jan 2024 - April 2024

In CIS*2750, Software Systems Development and Integration, I programmed a C physic library to simulate billiards balls collisions, and then I integrated the program with a Python-based web server to dynamically generate SVG images onto an HTML website. The images below show where I was halfway through the project, as I just had two balls on the table with reasonable ball collisions.



Skills

▼ Programming Languages

- Java
- C (Programming Language)
- R (Programming Language)
- Python (Programming Language)

▼ Programming Concepts

- Object-Oriented Programming (OOP)
- Data Structures
- Algorithms

▼ Software and Methodologies

- Unit Testing
- Scrum
- GitHub
- Git
- Trello

▼ Soft Skills

- Time Management
- Problem Solving
- Team Leadership
- Teamwork
- Communication
- Collaborative Problem Solving
- Public Speaking

What I'm Currently Working On



Whizball Remastered

April 2024 - Present

I am currently remaking the once-popular 2000s game, Whizball (see image to the left), using a C physics library and developing a website to play the game using HTML. I am completing this with a partner and we will employ pair programming and a scrum methodology, keeping track of tasks using a Kanban board. The original game can be found at [Criobite's archive of the game](#).

GDSCHACKS 2024

May 3rd-5th, 2024

The GDSC has been planning a hackathon since January. I have been acting as the university liaison and continuing in my role as the Marketing Director. I have put up flyers everywhere, spoken in classes and managed a team of designers. Recently, they completed this amazing promotional video for the hackathon, see below. This hackathon will be a monumental event for the university as it has had over 552 applicants! The hackathon even has its [own website](#)! I am currently planning out some of the fun activities including dodgeball, a scavenger hunt, and a game of trivia.



Home About Me Experience Projects Skills Upcoming Credits

Credits

- About Me page:
 - The image is my professional headshot
- Experience page:
 - The SOCIS logo comes [SOCIS' website](#)
 - The GDSC logo comes [GDSC' website](#)
- Projects page:
 - The CSV conversion example comes from screenshots of the spreadsheets edited in Google Slides
 - The table images were created from my program
- Upcoming page:
 - The image of Whizball is from Criobite and can be found by playing their game [here](#)
 - The video of GDSC HACKS' promo was created by the GDSC HACKS team.
- 404 page:
 - The "There's no place like home" gif is made from the Wizard Of Oz movie found on [Tenor](#)
 - The "I want to speak to someone in charge" gif comes from the Blindspot television show found on [Gifer](#)
- Every page:
 - Contact Me footer: the icons come from [Font Awesome](#)
 - the mountain background I use on every page is from [Pinterest](#)