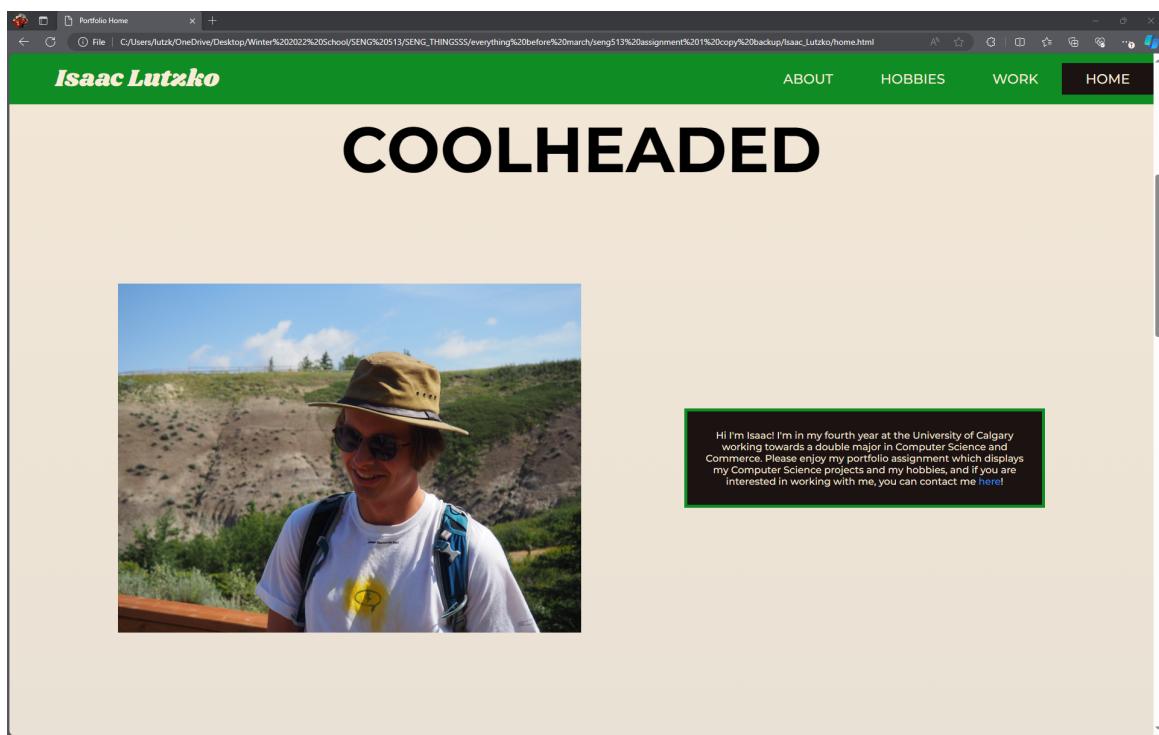
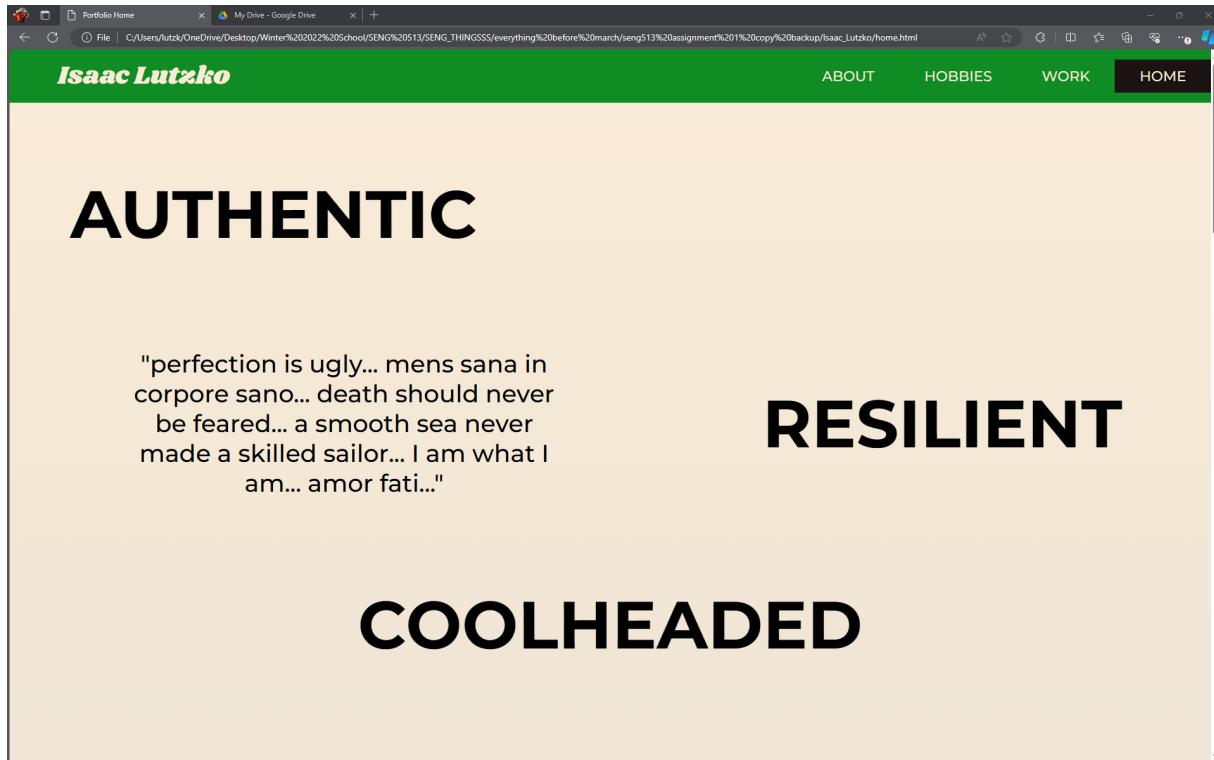


**Project Screenshots:** A couple screenshots to display the project and its different pages, as well as its responsiveness to different screen sizes.

**Home Pages:**



**Isaac Lutzko**

IT WITH" "IT'S ONLY AFTER WE'VE LOST EVERYTHING THAT WE'RE FREE TO DO ANYTHING

Throughout my life I have always had a passion for creating and designing things whether it be clothing, art, or music, and as a computer science student, this applies to the computer programs I have made in my university career. To see some of the programs I have created and am proudest of, check them out [here!](#)



**Isaac Lutzko**



Although I do enjoy creating software related programs, there are also other things in my life that I love and appreciate having the ability to do. To check out some of my hobbies, click [here!](#)

Link To Web App Here!

This web app calculates statistics on the text that is inserted into the text box at the top - from there a user can select the 'Compute Stats' button and the statistics will be shown. The information of the text that is in the text box shows the number of characters, the number of words, the number of lines, the number of non-empty lines, the average word length, the maximum line length, the 10 longest words, and the most frequent words in the text.

"perfection is ugly... mens sana in corpore sano... death should never be feared... a smooth sea never made a skilled sailor... I am what I am... amor fati..."

**AUTHENTIC**

**RESILIENT**

**COOLHEADED**

```

<!-->
<!DOCTYPE html>
<html lang="en">
  <head>::</head>
  <body>
    <!--> ----- HEADER START ----->
    ><header class="portf-header">::</header> ----- END HEADER ----->
    <!--> ----- START MAIN SECTION ----->
    ><div class="main-sect-1">::</div> ----- END MAIN SECTION ----->
    ><div class="main-sect-2">::</div> ----->
    ><div class="main-sect-3">::</div> ----->
    <!--> ----- START INTRO OF ME ----->
    ><div class="main-intro">::</div> ----->
    <!--> ----- END INTRO OF ME ----->
    <!--> ----- START TICKER ----->
    ><div class="ticker-main">::</div> ----->
    <!--> ----- END TICKER ----->
    <!--> ----- START WORK BLOCK ----->
    ><div class="work-intro">::</div> ----->
    <!--> ----- END WORK BLOCK ----->
    <!--> ----- START HOBBIES BLOCK ----->
    ><div class="hobbies-intro">::</div> ----->
    <!--> ----- END HOBBIES BLOCK ----->
    <!--> ----- START APP.HTML LINK ----->
    ><div class="js-app-main">::</div> ----->
    ><div class="js-app-flex">::</div> == $0
    <!--> ----- END APP.HTML LINK ----->
    <!--> ----- START "FOOTER" ----->
    ><footer class="main-footer">::</footer>
    <!--> ----- END "FOOTER" ----->
  </body>
</html>

```

Hi I'm Isaac! I'm in my fourth

Dimensions: iPhone 12 Pro ▾ 390 × 844 100% ▾ No throttling ▾

**Isaac  
Lutzko**

ENTER  
THE  
VOID

**AUTHENTIC**

"perfection is ugly... mens sana in corpore sano...  
death should never be feared... a smooth sea never  
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**RESILIENT**

Dimensions: iPhone 12 Pro ▾ 390 × 844 100% ▾ No throttling ▾

**Isaac  
Lutzko**

ENTER  
THE  
VOID

**COOLHEADED**



Dimensions: iPhone 12 Pro ▾

390 x 844

100% ▾ No throttling ▾

# Isaac Lutzko

ENTER  
THE  
VOID



Hi I'm Isaac! I'm in my fourth year at the University of Calgary working towards a double major in Computer Science and Commerce. Please enjoy my portfolio assignment which displays my Computer Science projects and my hobbies, and if you are interested in working with me, you can contact me [here!](#)

'E'RE FREE TO DO ANYTHI



# Isaac Lutzko

ENTER  
THE  
VOID



Throughout my life I have always had a passion for creating and designing things whether it be clothing, art, or music, and as a computer science student, this applies to the computer programs I have made in my university career. To see some of the programs I have created and am proudest of, check them out [here!](#)



The screenshot shows a mobile application interface. At the top, there is a green header bar with white text. On the left side of the header, it says "Isaac" and "Lutzko" stacked vertically. On the right side of the header, there is a black button with white text that reads "ENTER THE VOID". Below the header is a large grey rectangular area containing a black-bordered box. Inside this box, there is a paragraph of text: "Although I do enjoy creating software related programs, there are also other things in my life that I love and appreciate having the ability to do. To check out some of my hobbies, click [here!](#)". Below this text box is a green button with white text that says "Link To Web App Here!". Further down, another black-bordered box contains descriptive text about the app's functionality. At the bottom of the screen, there is a green footer bar with white text. It includes three links: "ABOUT", "HOBBIES", "WORK", and "HOME".

**Isaac Lutzko**

**ENTER THE VOID**

Although I do enjoy creating software related programs, there are also other things in my life that I love and appreciate having the ability to do. To check out some of my hobbies, click [here!](#)

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**ABOUT** **HOBBIES** **WORK** **HOME**

About Page:

**Isaac Lutzko**

Enter  
The  
Void

# Say Hello!!!



Email: [ilutzko@gmail.com](mailto:ilutzko@gmail.com)

Phone Number: 403-KIK-ROKS

Address: 321 BananaLand Drive NW

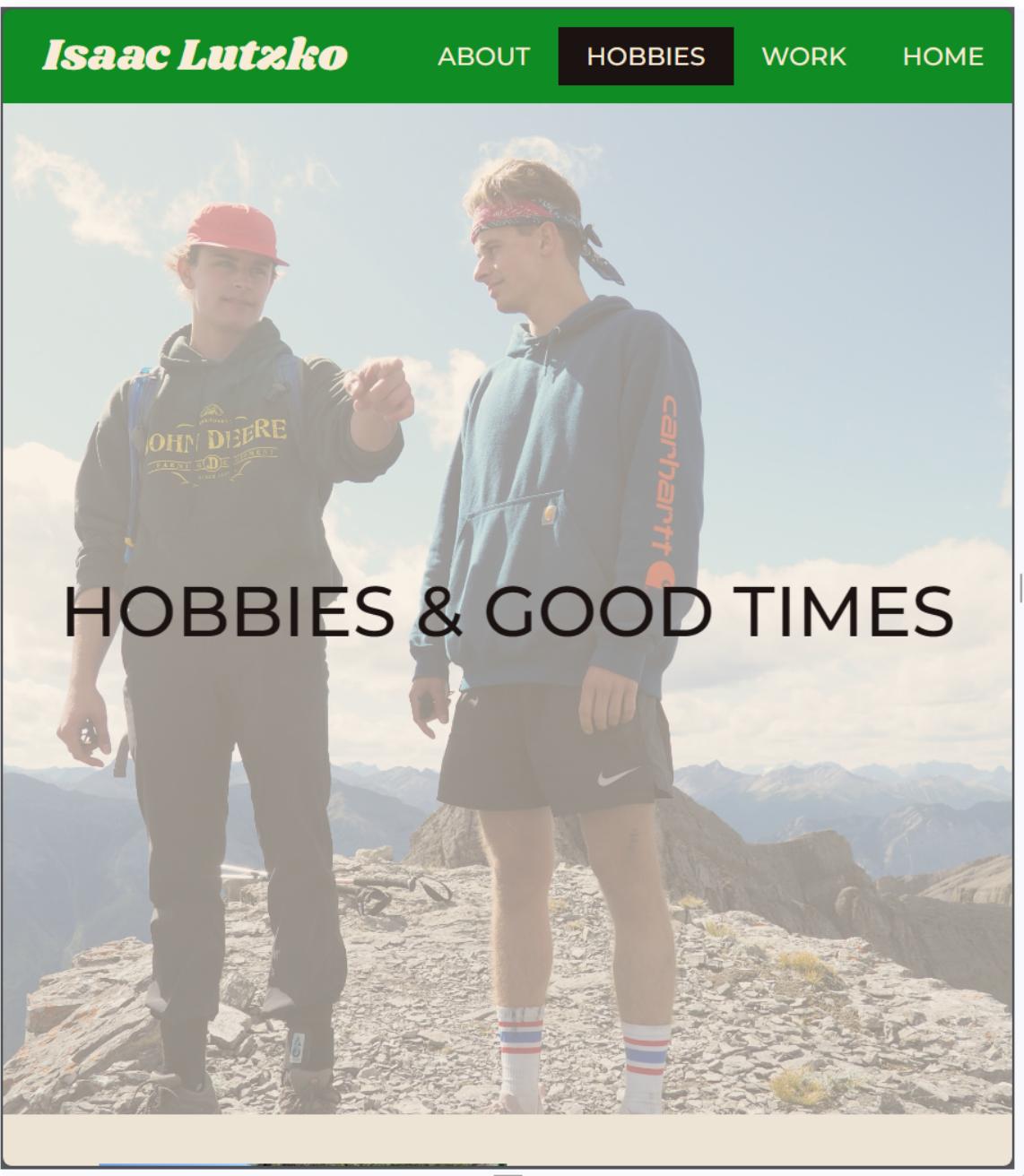
Country: Timbuktu

City: MetalTown

ABOUT   HOBBIES   WORK   HOME

## Hobbies Page:



A photograph of two young men standing on a rocky mountain peak. The man on the left wears a red baseball cap, a dark grey hoodie with 'JOHN DEERE' printed on it, and light-colored pants. The man on the right wears a red bandana, a light blue hoodie with 'carhartt' printed on the sleeve, and dark shorts. They are both wearing white socks with red and blue stripes. The background shows a vast mountain range under a clear sky.

**Isaac Lutzko**

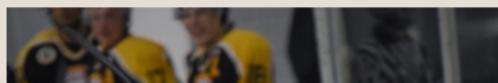
ABOUT HOBBIES WORK HOME

# HOBBIES & GOOD TIMES



I love biking! I started biking when I was young and went on frequent rides with my family, and I guess that stuck with me because I bike any chance I get! Biking solo or in a group, in the rocky mountains or in quiet roads in the city, I'm very grateful that I get to bike as much as I do!

Although I've only gotten more serious about playing guitar in the past couple years, it has added a lot of value to my life, especially my mental well-being. It has been a great way to relax and connect more deeply with myself, and it's something that really lets me express myself and I see as a form of meditation for me. Some of my favourite songs to play are 'Down in a Hole' by Alice In Chains, 'Pretty Pimpin'' by Kurt Vile, and Nirvana's version of 'Lake of Fire' by the Meat Puppets.



Another one of my hobbies is hockey. I've played hockey for over 15 years and coached for over 6. Here are some of my statistics since 2013:

# Isaac Lutzko

ABOUT

HOBBIES

WORK

HOME



I've played hockey for over 15 years and coached for over 6. Here are some of my statistics since 2013:

Team	GP	G	A	TP	PIM
NWCAA Stamp U16 AAA	36	2	7	9	40
NWCAA Stamps U18 AA	26	2	3	5	4
NWCAA Stamps U18 AA	28	5	13	28	8
NWCAA Bruins Jr. B	30	4	7	11	10
NWCAA Bruins Jr. B	27	6	12	18	12

Printing designs on clothing is also another hobby I have. As much as I don't like the negative social and environmental impact that the fashion industry has had on people, this is another way that I enjoy for expressing myself. Through a fairly lengthy process, I create designs on silk screens so that I can then use it to print those designs on a piece of clothing such as t shirts.

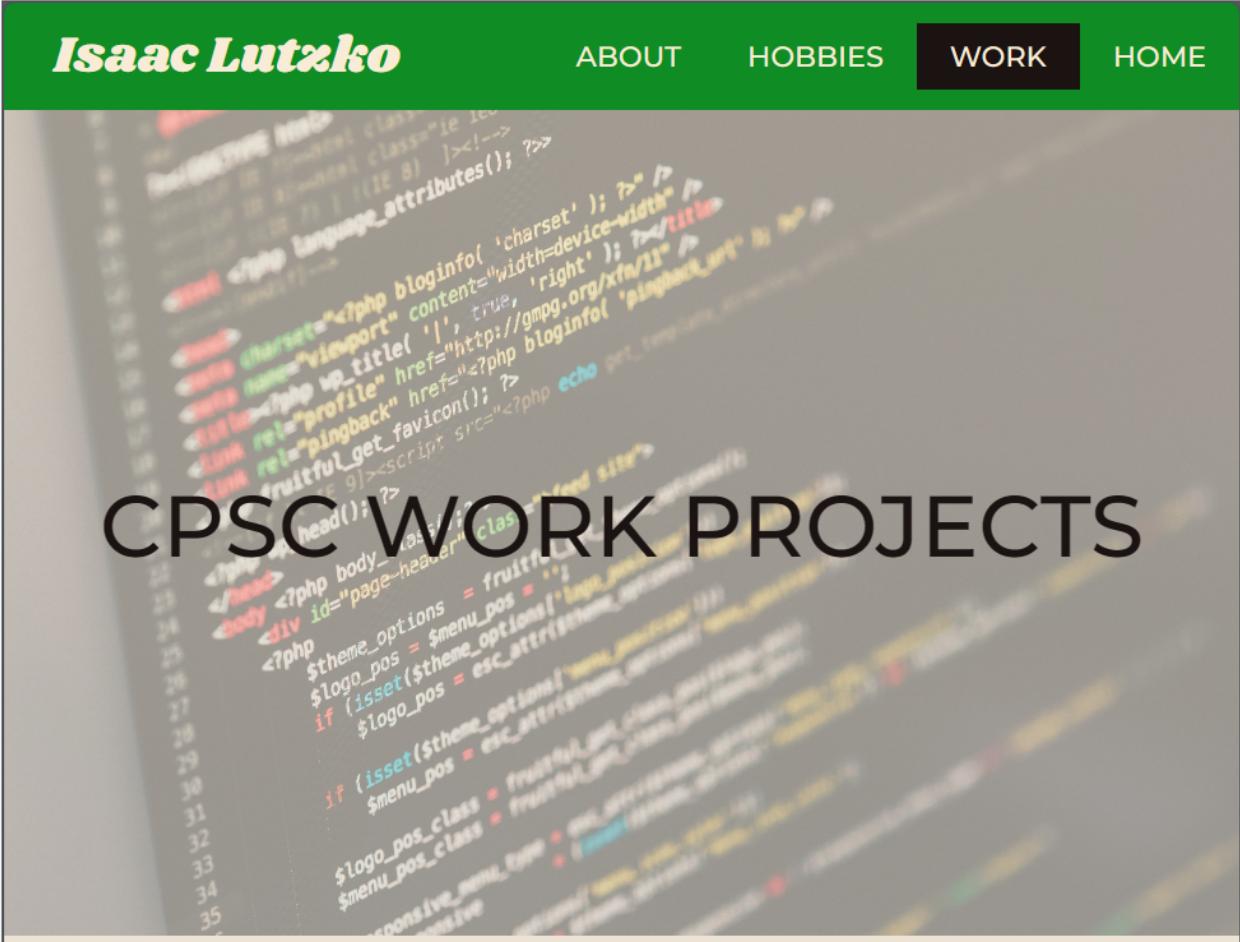


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Reading is a hobby I have that has greatly benefitted me and I see the value in it every day. I especially enjoy philosophy books about stoicism as I have learned a lot from these books and I believe that they have helped me become a better person. I also like reading biographies and novels. Some of my favourite books are Greenlights by Matthew McConaughey, Brave New World by Aldous Huxley, The Daily Stoic by Ryan Holiday, Fear and Loathing in Las Vegas by Hunter S. Thompson, and Ego is the Enemy by Ryan Holiday.

## Work Page:



**Isaac Lutzko**

ABOUT HOBBIES WORK HOME

# CPSC WORK PROJECTS



For the last assignment of the computer networks course (CPSC 441) when I took it, was to create an efficient MAC protocol which is used for RFID scanning.

Working alone I modelled a recursive slotted-time MAC protocol in C++ by using a binary tree to implement this program. I very much enjoyed doing this project.

For the group term project for the DBMS course I took (CPSC 471) my group decided to make a mindful social media website with a full frontend and backend. My group of 4 used SQL, TypeScript, PostgreSQL, NodeJS, and React to create this program. Although it was a very difficult program to create, we were passionate about creating a program that had the goal of creating a social media that aims at fixing the negative side-effects that come from the current use of social media by their users.



For the partner project for the second computing machinery course I took (CPSC 359) we were tasked with creating the classic "Frogger" arcade game using a Raspberry Pi and a SNES controller. The SNES controller was connected to the Raspberry Pi which contained our program that was written in C. Users could play the game using the SNES controllers that read input from the Raspberry Pi, and we were in charge of creating the whole program, including the graphics and collision detection aspects. Gameplay included different difficulty level, power-ups when collected by users, and a score-tracking system.