



# Track, Map, Share Adventures

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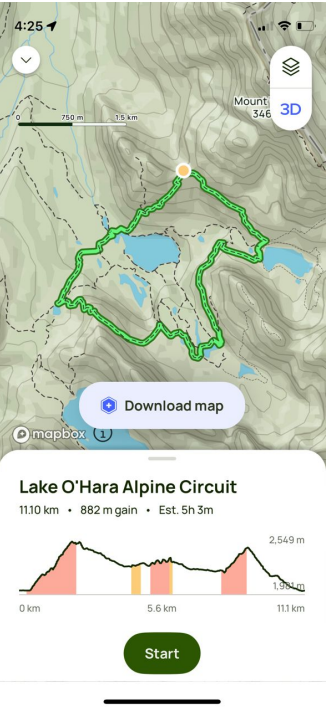
21 Dec 2023







# Share With Family



# FAMILY PHOTO

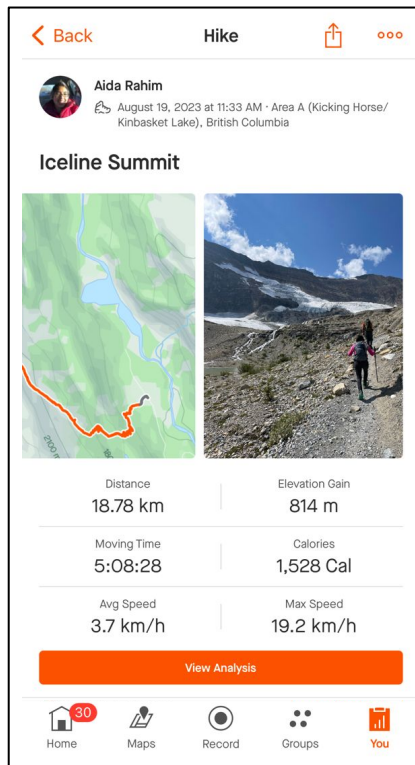


# Strava - Activity Tracker

Tracking

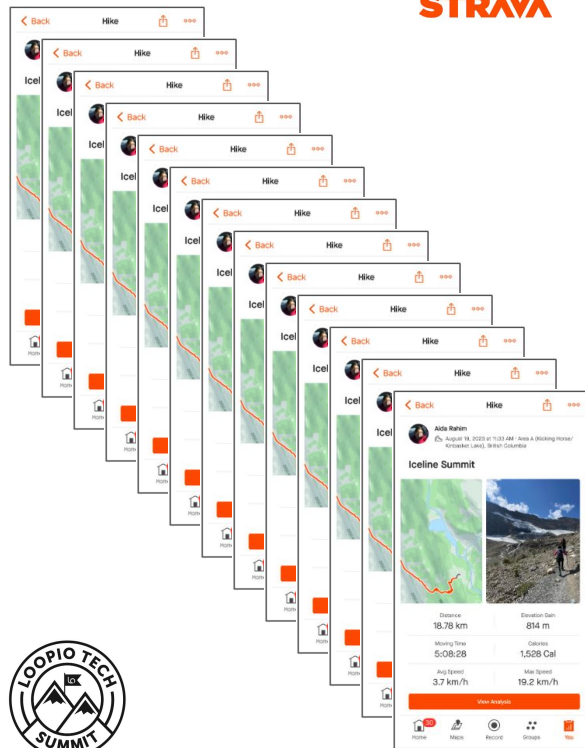


Obsession - Strava Art



# Process

Download activity data



Clean up data

Build map interaction



Visual Studio Code

index	id	date	name	type	description	elapsed_time	distance_km	filename	moving_time
0	1417	Aug 1, 2023, 1:41:56 AM	Bow River	Walk	NaN	1975	2.33	activities/9559407764.gpx	1889.0
1	1440	Aug 15, 2023, 2:11:45 AM	Jasper Lake sand dune	Walk	NaN	1694	0.56	activities/9652162849.gpx	1011.0
2	1436	Aug 13, 2023, 7:40:18 PM	Jasper lunch walk	Walk	NaN	7162	2.82	activities/9642357662.gpx	2354.0
3	1434	Aug 13, 2023, 2:49:30 PM	Jasper walk	Walk	NaN	4928	2.17	activities/9640654598.gpx	1906.0
4	1447	Aug 16, 2023, 1:55:54 PM	Jasper walk	Walk	NaN	3652	1.42	activities/9659825625.gpx	1163.0

- Choose what information to display
- Figure out how to show info; how to use maps, markers, popups

Publish web app



- Open-source Python framework
- Create interactive data apps in minutes.

# Demo

## Adventures in the Canadian Rockies

Aug '23



Intrepid hikers

Longest Hike

29 km

Elevation gain

1119 m

Longest Bike Ride

32 km

Elevation gain

258 m

Longest Walk

3 km

Elevation gain

121 m





# Challenges

**I am not a  
Software  
Developer nor  
Designer**

**Noisy GPS  
tracker**

**Making the  
maps thing  
work**



**ChatGPT**

# Did It Work?



Brother – tons of questions and suggestions



Sister – had a moment when it clicked



Daughter – most useful from previous trips





**Thank you!**  
**Q & A**



