



Hamburk 2019



Cesta

- Praha -> Frankfurt -> Hamburk
- Lufthansa
- 8.12. - 14.12.

Ubytování

- Novum Hotel Hagemann
- Vogelhüttendeich 87
- Snídaně v ceně



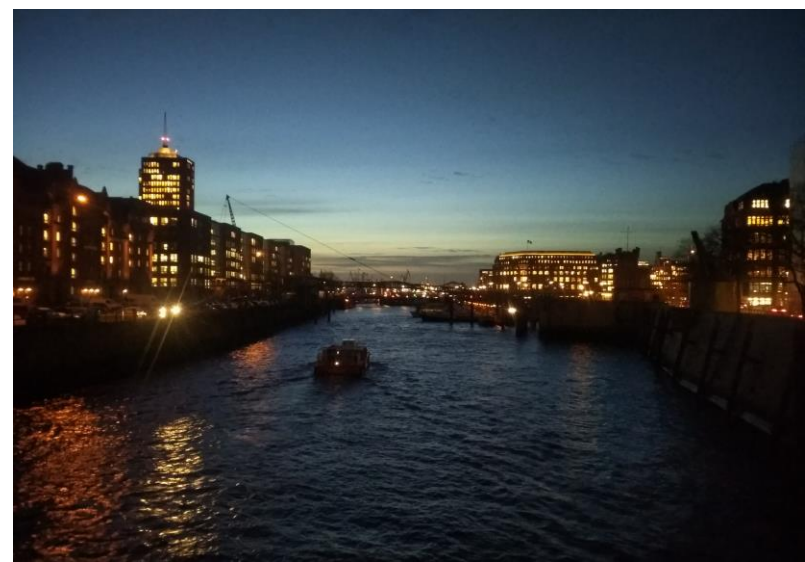
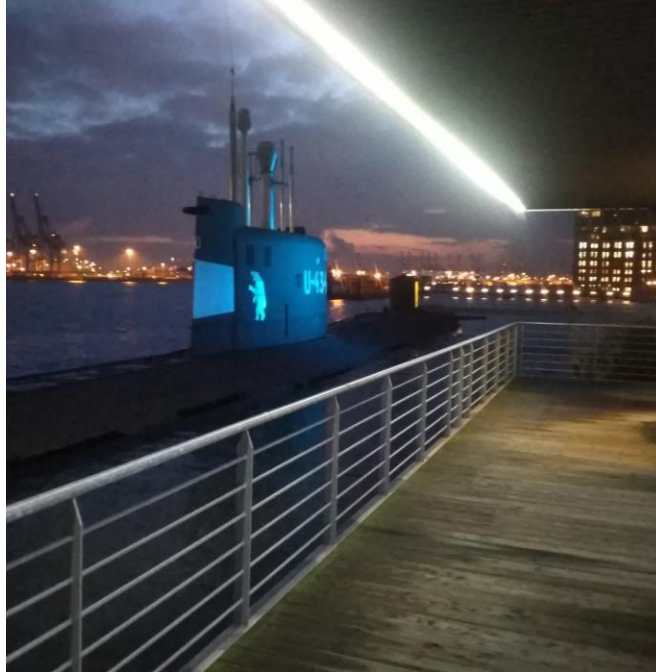


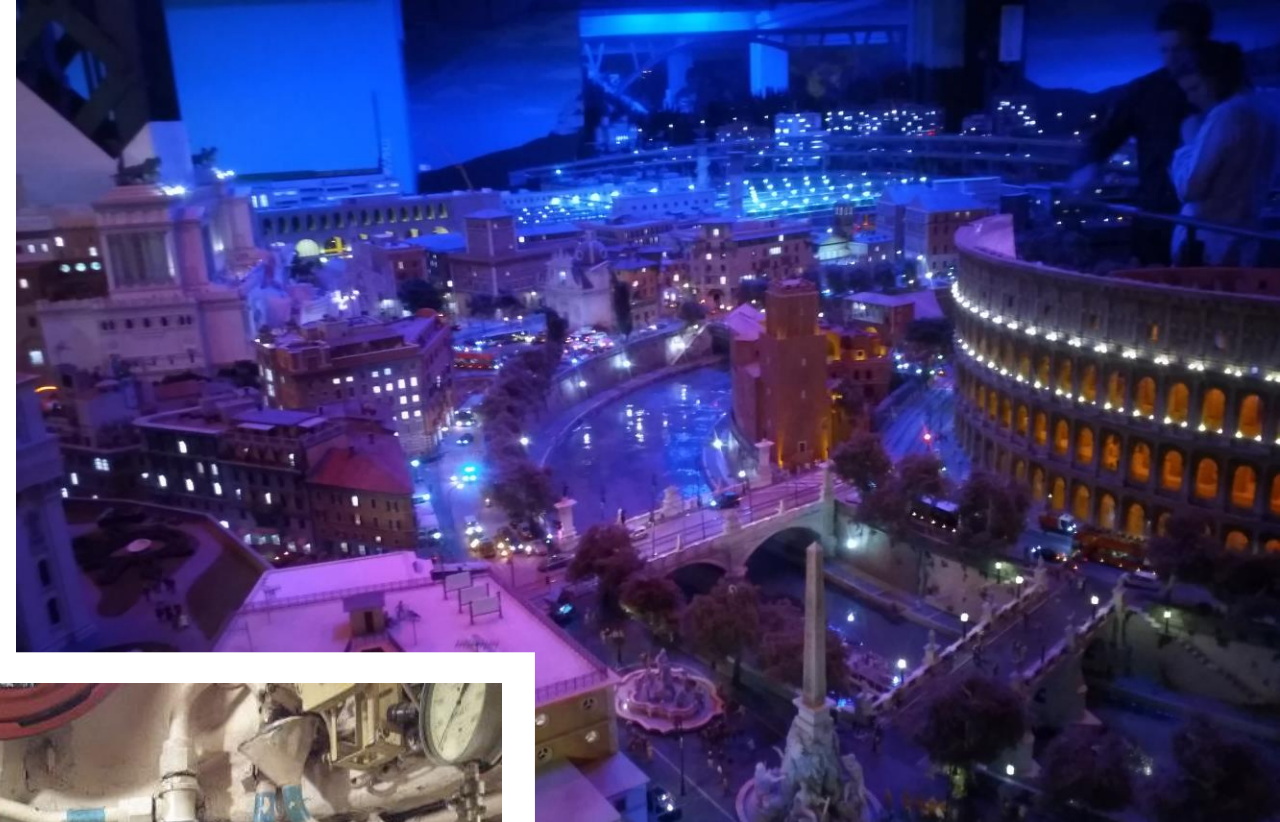
Škola



Volný čas

- Toulky městem
- Vánoční trhy
- Muzeum miniatur
- Historická ponorka
- Historická plachetnice





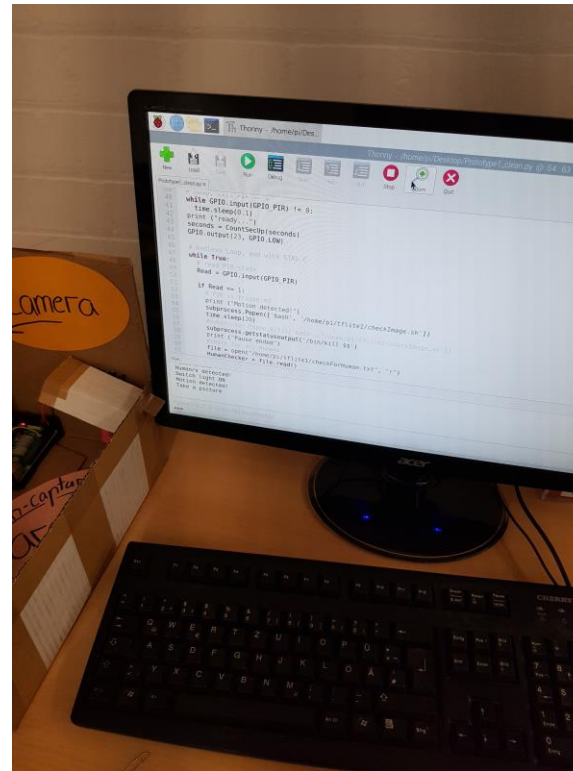
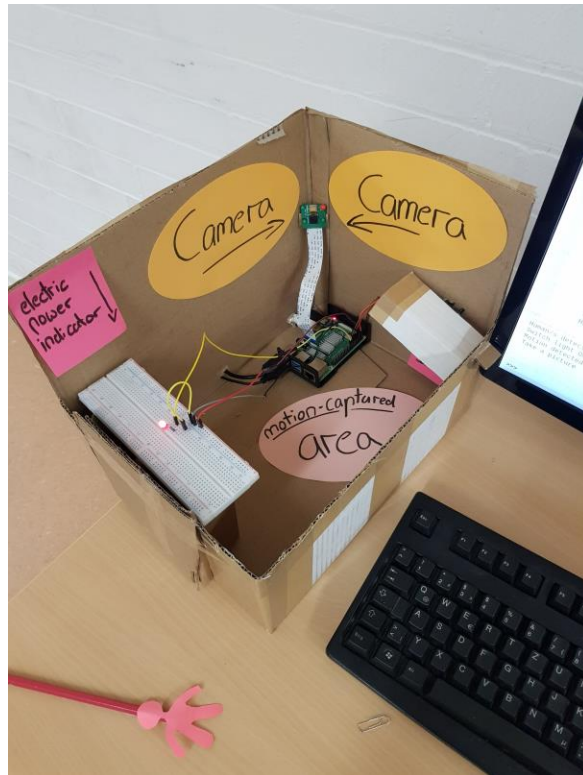
- Aplikace, která nabízí nesněžené jídlo



Projekt Supersaver

- Systém s účelem úspory energie
- Užití senzoru pohybu + kamery s umělou inteligencí a Raspberry Pi
- Software – Python s částí kódu od Googlu

Supersaver





Projekt SEFTE

- Save Energy For The Enviroment
- Já + Philip, Tom, Robin
- Inteligentní měření spotřeby
- Rady pro úsporu
- Soutěže a systém odměn





Projekt FPS

- Fire Prevention System
- Prevence a detekce lesních požárů
- Rozsáhlá síť senzorů (teploty, vlhkosti...)

Forest Fires

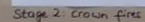
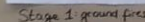
U.S. homes were identified at high or extreme risk of wildfires

in total in 2018

acres were burned
in 2018

losses from wildfire
in 2018

How does a wildfire evolve?



Current
Solution on the
market recognizes
wildfires only at
STAGE 21

Our solution

Predict
which areas are
prone to wildfires.
If a fire starts then you
will be able to locate it
even at
STAGE 1!

How?

Create a network of a product, which holds soil humidity, air humidity and fire sensors. The whole network will be monitored on a website.

Targets



User Story

As a user (e.g. fire watch, researcher)
I want to see areas that are prone to fire or are already burning
so that I can take appropriate precautions

Our 'Haves'

Must haves

- program for quick overview
 - one card cartesian vector
 - (value over time/day)
 - current value of the vector
 - map to choose between linear
 - map to get a quick overview
 - over multiple cities
 - calculations for critical infrastructure
 - shows the location of the
 - fire on the map

Should have

selection of unique
intervals for the
reaction to weather
at weather data in
calculation
variation of which
states are subject of
then a few strands,
constant rapidly

Could have

- forecasts for the next days
- Collaboration with research facilities for accurate forecasts
- check the fertility ground

Currently implemented

- connection to sensor
- measuring temperature and humidity
- display monitoring
- implemented map

Monetization/Marketing



Product:

- the user feels safe and in control
- provided in offices (website) & in forests (sensors)
- forest installation organized by our company
- name: FPS - Fire Prevention System
- keep in touch with forest rangers, so the product suits their needs the best

Place:

- buyers will look for us on the internet, conferences and through recommendations
- work together with research facilities

Pricing:

- selling prepared and frozen
- profit: less costs per item, less expenditures, less loss
- price not shown in public, only on demand to competitors don't show the price in public
- price will be constant and ranged in the price categories of the competitors - but a bit cheaper
- won't join events like black friday, only discount on big orders

Promotion:

- Spread idea through online ads and celebrities
- direct marketing mails, calls
- comparison, press (likes our competitors do)
- promote consistently the whole year
 - ↳ maybe a little more when a really big exclusive happened and a special on the internet and in the press

The
'behind'
our
project!

Autoři

- Tomáš Tesařík, Jan Šlehofer, Daniel Blažanin, Jáchym Bureš