

# JUSTYNA FRYBIAK Portfolio



LOOKING FOR INTERNSHIPS IN 2018

WEB PORTFOLIO CURRENTLY UNDER CONSTRUCTION, THIS DOCUMENT IS MEANT TO GIVE AN IDEA OF WHAT PROJECTS I'VE BEEN WORKING ON

## ABOUT ME

My name is Justyna. Originally I come from from Poland, but I spent last five years studying in Sweden variation of IT, Human-Computer Interaction and currently I'm enrolled in Interaction Design program at Umeå Institute of Design, where I can finally take design more seriously than a hobby.

Despite having background in computer science, design was always my true passion. In particular I feel very strongly about the value of entertainment, that's why I want to design awesome experiences for people - just because something is serious doesn't mean it has to be boring. My strongest interest lies in video games, and their potential to influence people, but I also enjoy anything related to graphic design, especially for promoting events and user interfaces.

In everyday life I'm one of those people who always finds a ton of things to do, so I never get bored. I already mentioned my belief in video games, so naturally that's big part of my past times. But I also appreciate outdoors activities, especially in the mountain areas, and recently I picked up climbing. I've also always been active at writing about my experiences on different blogs, be it studying abroad or describing my projects.

To conclude, I love challenges, from organizing events, to coordinating student magazine on a weekly basis, to simply finding time for all the things I want to do or coming up with a cool design solution. And I always rely on good entertainment to keep me relaxed.

#### interests





# Curriculum Vitae

## EDUCATION AND ACTIVITIES

2015 / PRES.	INTERACTION DESIGN, MFA UMEÅ INSTITUTE OF DESIGN /SWEDEN
	Vice president of Ställverket student union Secretary of Ställverket student union Editor of Wozzop magazine
2014 / 2015	INDUSTRIAL DESIGN INTENSIVE UMEÅ INSTITUTE OF DESIGN /SWEDEN
	Secretary of Ställverket student union Graphic designer of Wozzop magazine
2013 / 2014	HUMAN-COMPUTER INTERACTION, MSc UMEÅ UNIVERSITY /Sweden
	Thesis: Developing empathy through video games
2008 / 2012	COMPUTER SCIENCE, BSc
	LODZ UNIVERSITY OF TECHNOLOGY / POLAND
	Thesis: Application of HTML and CSS in DTP
2011 / 2012	INFORMATION TECHNOLOGY, EXCHANGE LINKÖPING UNIVERSITY /sweden
	🎌 Graphic designer at East Asian Association

## LANGUAGES

ENGLISH / FLUENT POLISH / NATIVE SWEDISH / GOOD (B2) JAPANESE / INTERMEDIATE (JLPT N4) FRENCH / INTERMEDIATE (B1)

## EXPERIENCE

USER EXPERIENCE

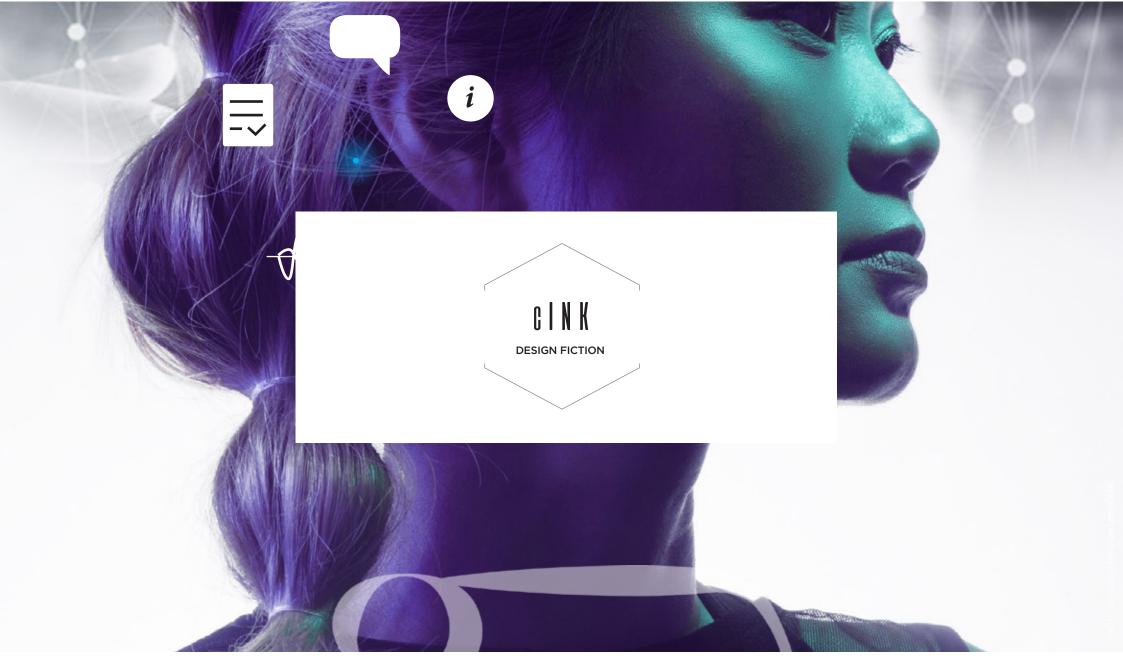
**EVENT ORGANIZING & ADVERTISING** 

<sup>APR</sup> 2018 / PRES.	<b>FABLAB ASSISTANT</b> UMEÅ, SWEDEN		
	Currently I help to maintain the FabLab Facebook page, and schedule volunteers, as well as learn more about the machines to be able to provide better technical support.		
2015 / PRES.	<b>GLOBAL GAME JAM SITE ORGANIZER</b> UMEÅ, SWEDEN		
	As a site organizer, I am responsible for participant registration, providing the venue, forwarding the information from the main organizing comitee, and making sure everyone is on schedule and knows what to do.		
JUL AUG 2012 / 2012	WEB DESIGN INTERN AT TEAMWEB.SE LINKÖPING, SWEDEN		
	Internship of 6 weeks during which I had 2 main projects - one web design concept for a client and re-design of the studio's logo, website and business cards. I used the time I had mostly to learn Adobe Illustrator and Responsive Web Design.		
S K I F F S			
<b>GRAPHIC DESIGN</b> / ADOBE: PHOTOSHOP, INDESIGN,			
	ILLUSTRATOR, SKETCH		
WEB DESIGN / HTML, CSS			
MOVIE EDITING / ADOBE PREMIERE PRO, IMOVIE			
<b>PROTOTYPING</b> / ARDUINO, PROCESSING			
GAME DESIGN			

## VOLUNEERING

	2017 / PRES.	<b>SOFTLAB @ FABLAB UMEÅ</b> UMEÅ, SWEDEN
nore		As one of the volunteers at Softlab I introduce new people to the space, machines there and help with their projects.
	MAY 2017	<b>TEDX UMEÅ</b> UMEÅ, SWEDEN
nt nd		I was helping with arranging stage decorations before the event andmanaging the wardrobe during the event.
	MAY 2015	<b>MUSIC TECH FEST</b> UMEÅ, SWEDEN
d		I helped with patching the faulty Wordpress template and I worked at the merchandise stand during the 3 days of event.
d ess e	NOV. 2013	<b>MOVE FILM FESTIVAL</b> UMEÅ, SWEDEN
		I was responsible for checking tickets at the door and announcing the movies to the audience.
	2012 / 2013	ICE SKATING INSTRUCTOR LODZ, POLAND
		I was teaching a beginner group of 10-15 university students how to ice skate.
		JUSTYNA.FRYCZAK@GMAIL.COM
		JUSTYNA.ME

+46 705090677



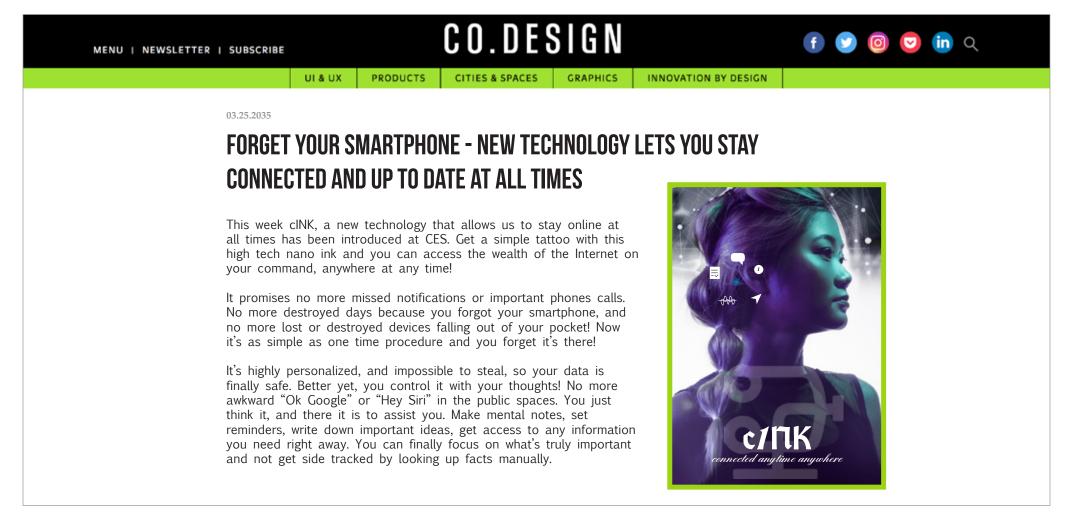
UMEÅ INSTITUTE OF DESIGN / INDIVIDUAL PROJECT / 10 WEEKS / 2017

The main objective of this course/project was to create a future scenario for year 2037.

In the process I created a series of future articles and a new technology, permeating people's lives, in order to make us reflect on the direction technology is taking these days.

#### THE PROBLEM

I chose to focus my project around the constant connectivity. We're experiencing it to some extent currently, but through a device. I wanted to explore a scenario where we're connected directly, and cannot easily disconnect by simply putting th device away.



#### THE SOLUTION

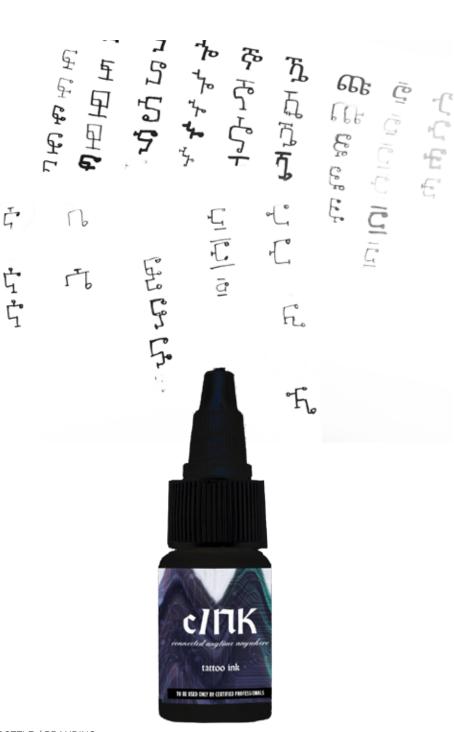
In this project I created a new technology - cINK, which is a nano-ink tattoo, connecting the owners of said tattoo directly to the internet, allowing them to access the wealth of knowledge. I tried to explore the implications of everyday life of this technology.



CINK TATTOO



STORYBOARD PANEL



INK BOTTLE / BRANDING

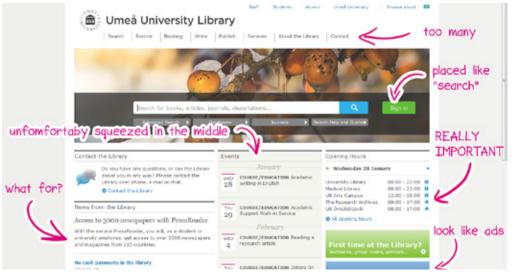


UMEÅ INSTITUTE OF DESIGN / GROUP PROJECT / 4 WEEKS / 2015

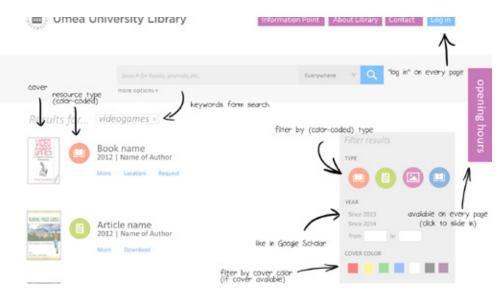
#### THE PROBLEM

When we were given the brief of the project the implied outcome was re-design of the university library website.

As a part of the ongoing project, the university library wanted to explore alternative ways of sorting and searching for books and resources.



# From the interviews with library users we noticed an interesting pattern: finding particular title was easier online, finding books related to a general topic was easier in the physical library.



FIRST PROTOTYPE

#### CURRENT WEBSITE

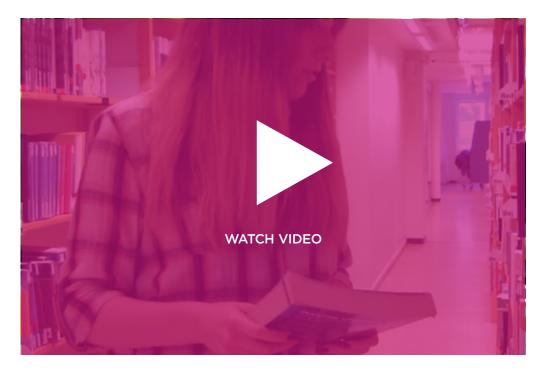


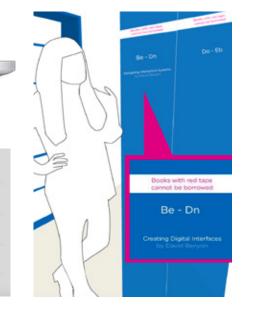


### THE SOLUTION

Quite quickly we realized that just updating the website is not enough, and we need to take usage of the library as a wholistic experience, which also includes the physical library and much needed guidance in tha context as well.











SERVICE MENU

All Services

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Information Poi

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Rosearch

Book a room

Witing/Reading support

equest ner material

5

Publish

Book a librarian

Copy, Print, & Bookbinding



INTERACTIVE SHELVES

APP WITH GUIDANCE FUNCTION

#### UMEÅ UNIVERSITY LIBRARY / INDIVIDUAL PROJECT / 2016

e initiated a pilot project where we er more. To be able to deepen our the National Library

How could the interface of the instruments resemble the phy possibility to browse the shel surprised by what you find w totally lost on the screen.

udy at the Art Campus of e asked students how much ry's resources. It became clear ewed had a poor knowledge fers, mostly concerning the

"THE POSSIBILITY TO BROWSE AND TO BE INSPIRED OR SURPRISED WAS TOTALLY LOST ON THE SCREEN"



important part for the next step in the project.

e of Design, Lövånger School HUMIabX we made a work plan ; for us was to be open and agile and let the result of our planned workshops be an

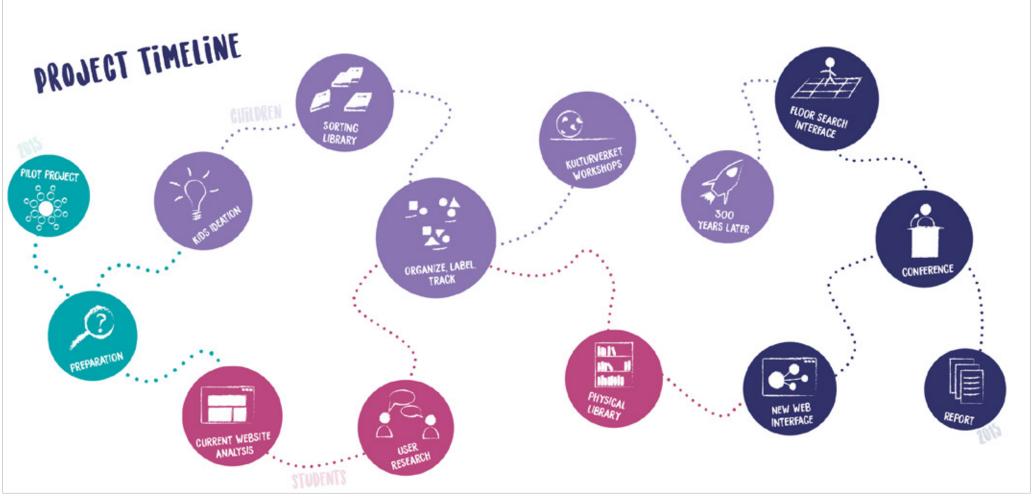
SEARCH, FEEL, FIND **GRAPHIC DESIGN** 

We, at Umeå University I the main topic for the pr Find to create a prototype search tool for an interactiv to investigate how a less tex can be designed for different target groups for the study we students and researchers, whic that relatively rarely visit the phy

After the previously presented project, I was approached by the library project supervisors to help them gather all the project materials together in a visual form that they can later present to colleagues and at conferences.

### THE CHALLENGE

The main challenge was to find the right visual style for a project that in its core was serious and driven by research, but also involved in large part playful workshop with children, as well as the cooperation with students. Representing the whole process was essential to explaining it.



VISUAL OVERVIEW OF THE LIBRARY'S PROJECT

#### HOW IT BEGAN

In 2011 are conducted a study at the Art Campus of Draid University where we asked studieds from much they knew about the Totary's resources it became chair that amount at the interviewed had a poor incoming about what the iterview others, mostly concerning the exercise

> w could the interface of the catalog or search numerity resemble the physical library? The sublicity to browne the shelves and to be inspired or prived by what you find was a component that was ally loot on the screen.

Cost and activity we instantial a party singlest where we chief the marker more. To be acking to depart our rk we applied the resources from the National Library landers, who granted us means for the Search Pee, of project.



We, at Limits University Likray, formulated the wan tops for the purplet Saver, New Heiner Stork (Savers) and Saver Saver Savers bool for an enterchie Noor surface and the enterplane have a two location effects can be designed in the different media corrers. The testing document of the enterplane in the different media enterplane in the different media corrers. The testing document of the enterplane in the different media enterplane in the different media corrers. The testing document of the enterplane in the different media enterplane in the different filteres.



#### PROBLEM ANALYSIS

Assists from the children are also avoided with tructurest at United institute of Darsign, we includuced thrus to an collection and various blocks envices to give them a better anime standing of the library. Anima to the anime standing of the library. Anima to the anime standing of the library. Anima to the animation of physical form electronic or particular, all resource should be presented in evaluat appending revise.

The students started from exploring and analysing the current literary vehicle, where they represented religies officialities with finding useful information and resources they users locking for

A meat valuative insert was that it is difficult to prove online to see white available on a prove copic, while th very owny to find a porticular tem jos almostly know the name of a situation completely coponetic to physical iterary.



The success from institute of Design-Revells focus on the user esperiment, therefore they conducted their order over neuroschading (other server of the longy - institutions) from offerend faulties, distance and PHO statistics have they use the lateray and its resources, whether or not they are satisfied with the current institution and services.

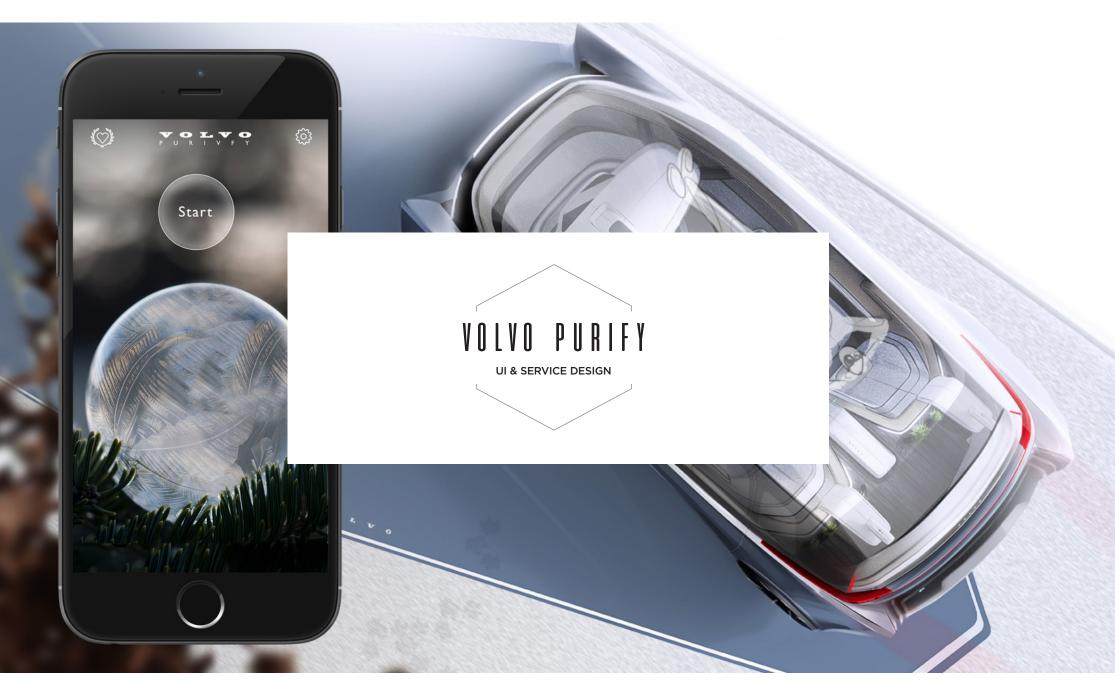


The most common thing mentioned by the interviewed was the physical library atmosphere sizert and nice place to indeg and thous. While the website was simply described in functional, used to exercise a scenario (1) as scenario (1) and the exercise (1) as scenario (



SELECTED SPREADS FROM THE BOOKLET

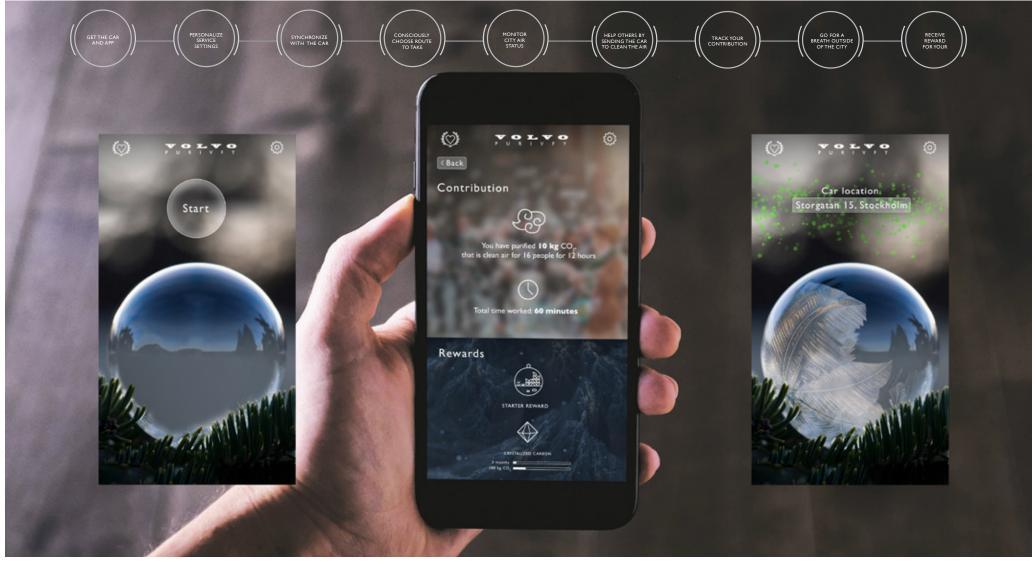




#### THE CHALLENGE

The main scope of the project was wellbeing in 2030, what it means and how it translated into relationships with cars. The project required the full car design (interior and exterior), as well as a connected service. My main role in the project was the service design part.

Wellbeing is a very broad topic, that involves both physical and mental aspects, it can refer to relaxation and comfort as well as satisfaction and productivity. The main challenge was decideing which aspect we wanted to focus on. We chose helping the society through air purification.



SELECTED STEPS IN THE APP, REPRESENTING CONTRIBUTION AND CUSTOMER JOURNEY



# In this project we worked with professionals in the mining industry, specifically people in the rock breaking unit. The goal was to design a system for remote operation - through the monitor, not through the window as it is currently.

### THE SOLUTION

As a team we came up with a work station consisting of a new ergonomic controller to prevent wrist strain for the rock breaker operators, an assisted vision system consisting with computer-rendered image recreated from 3D scan of the pit and cameras in essential places and a control panel for the user.

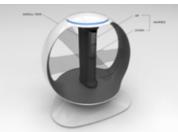




TESTING THE SETUP



MULTIPLE CAMERAS PROTOTYPING



NEW CONTROLLER

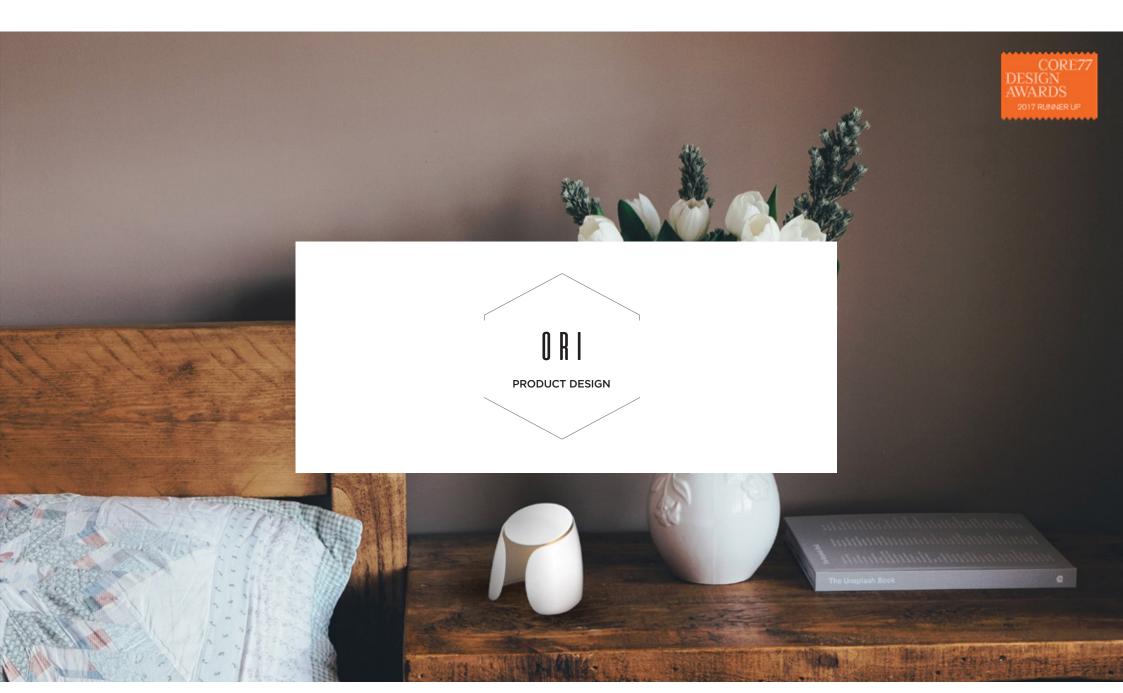


3D IMAGE REPLACING CAMERA FEED

### THE INTERFACE

we also created a new control panel allowing users to have an overview of the whole system, see who is currently controlling which machin, have a pipeline of tasks and work progression system.





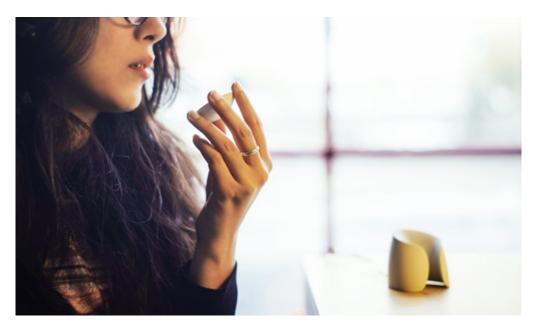
UMEÅ INSTITUTE OF DESIGN / GROUP PROJECT / 3 WEEKS / 2017

COLLABORATION WITH PRODUCT DESIGN STUDENTS

In this project's goal was learning to design sounds. Thanks to the collaboration with advanced product design we were able to take care of both visual, conceptual and functional sides of the final product concept.

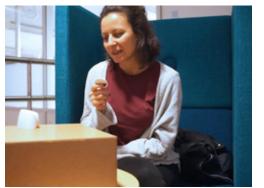
We decided to take on a topic of design for death, and challenge the taboo. We wanted to create a product that helps people to accept a loss of a loved one through voice and sound memories.





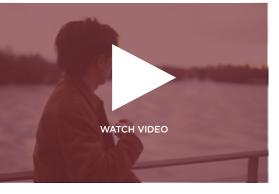
#### SOUNBOARD



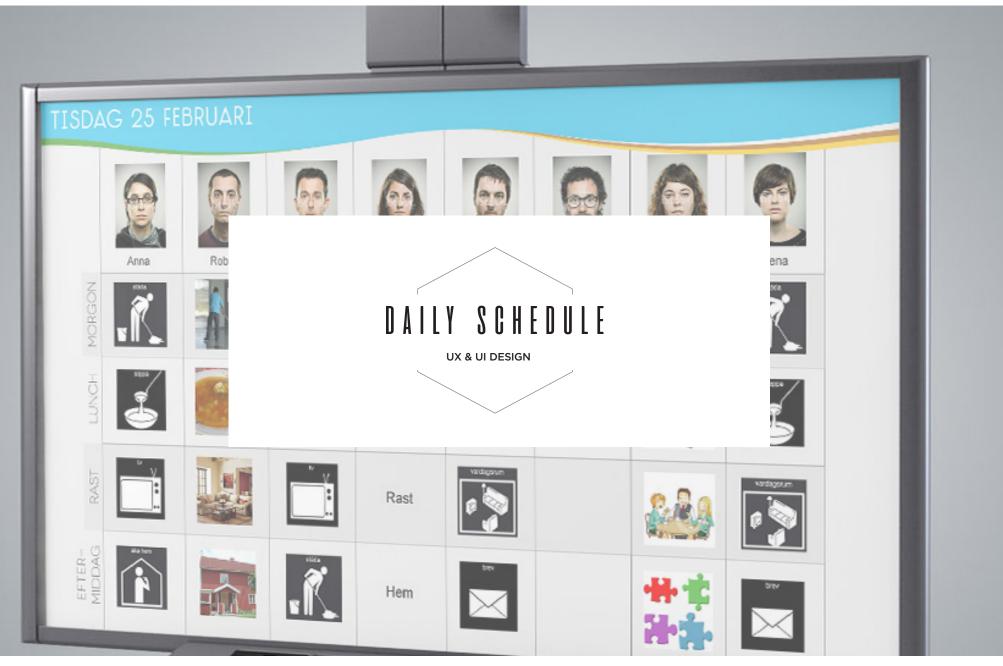




THE SOLUTION



WIZARD OF OZ TESTING



UMEÅ UNIVERSITY / GROUP PROJECT / 2014

The project was done with one of the work/activity facilities for autistic people. The task was to help both the carers and the workers arrange their daily and weekly schedules.

### THE CHALLENGE

The main challenge of this project was providing flexibility in the system that accommodated different mediums workers can understand (text, pictograms, photographs, spoken words), and also provide a space for more independence.

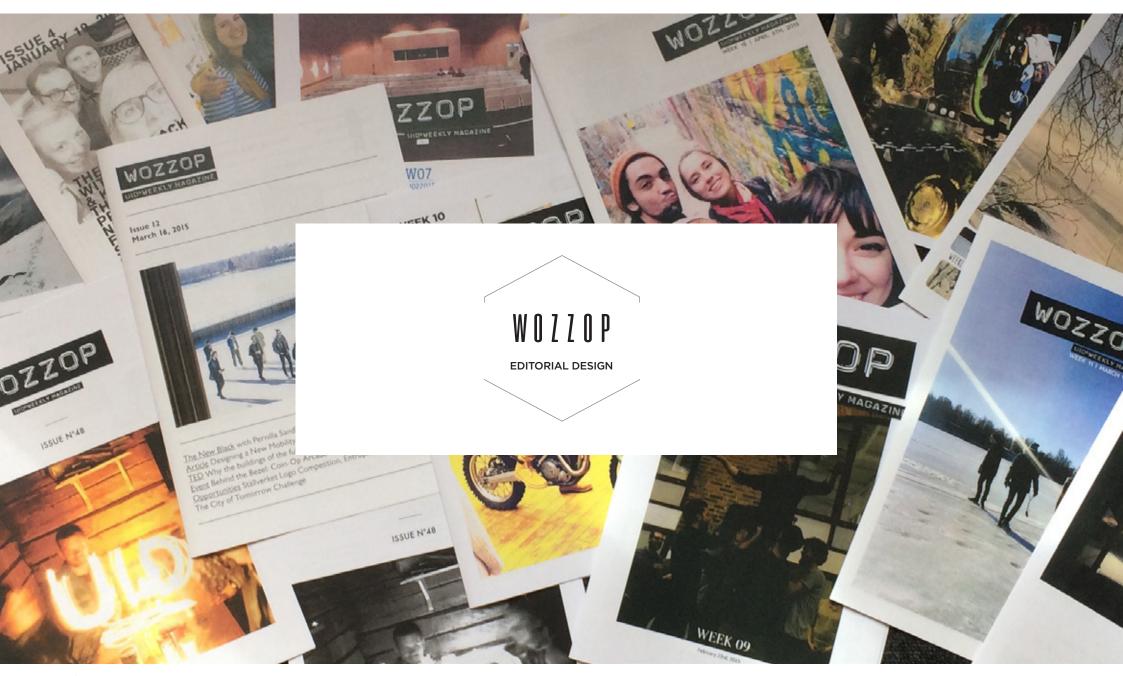
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CURRENT SCHEDULES IN MULTIPLE FORMS

DAILY PLANNER FOR ALL USERS





UMEÅ INSTUTUTE OF DESIGN / SCHOOL MAGAZINE / 2014-2017

#### A B O U T

I have been involved in creating Wozzop, the weekly school magazine at Umeå Institute of Design. Each issue consists of 8 pages and needs to be done over the weekend. I strived to create issue with a brand new style, despite the limited amount of time. In total I designed over 20 issues and edited over 15.

HTTP://UID.UMU.SE/EN/FOR-OUR-STUDENTS/WOZZOP/







**EVENT ORGANISATION & GRAPHIC DESIGN** 

#### A B O U T

Since 2015 I have been the main organizer of Global Game Jam in Umeå. Each year I'm responsible for the design and distribution of the posters, as well as maintaining/updating the website. I'm also handling communication with the global team, participant registrations, and take care of the scheduling of the event (locally).

HTTPS://GGJUMEA.WORDPRESS.COM/









READ FULL STORY OF 2018 VISUAL STYLE



COLLABORATION WITH UMEÅ KOMMUN

We were challenged with a very open brief on the topic of "mobility justice" in a city context. The main objective of the course was learning and trying different ethnography methods and practices.

#### THE SOLUTION

We decided to focus on public transport, after identifying a fairly negative opinion about buses being least favorite way of transport, for not offering the flexibility the car offers, or health benefits like cycling or walking.

We created a #umeabusvibes, with a series of events/activities related to it - write a story while waiting for the bus, quotes to brighten your day on the bus, and giving free coffee to the people taking the bus.

Everything later was compiled into an exhibition and presented to stakeholders - municipality and public transport representatives.



It was a cold winter morning, I HO & CUP OF COFFEE AND SIPPED IT WHILE I WAS WALKING Suddenly, I bumped into a man. "Sorry," I said. "No worries. Nice smell from vour coffee," he said. An i reached out and clamped my jaws around his throat He pushed me away and I fell on a hidden treasure. A treasure guarded by a dragon named Glenn-Conny. The dragon was bright purple, he stared into my eyes. "Where do you wanna fly?" he asked me.

It was such a bright sunny day and then I saw the glimpse of a unicorn. IT WAS QUITE WEIRD, THOUGHT I TOOK MY PILLS THIS MORNING. SUDDENLY MORE AND MORE STRANGE CREATURES APPEARED FROM THE DARK AND THE shadows were split apart by the rays of clarity when the sun began to break through the veiled heavens upon us... Once upon a time there was a tired woman who waited on the bus. Then her phone rang. TO HER BIG SURPRISE IT WAS JUSTIN BIEBER WHO WANTED THE NUMBER TO KANYE. He wanted to buy a dachshund, but not just any dachshund. PREFERABLY ONE WITHOUT LONG LEGS AND SWAG.

It was a cold and sunny day in the beginning of March. BUT THEN IT STARTED RAINING. Severus Snape snapped his fingers and there was sun again.

#### on this gorgeous day I WISH I COULD

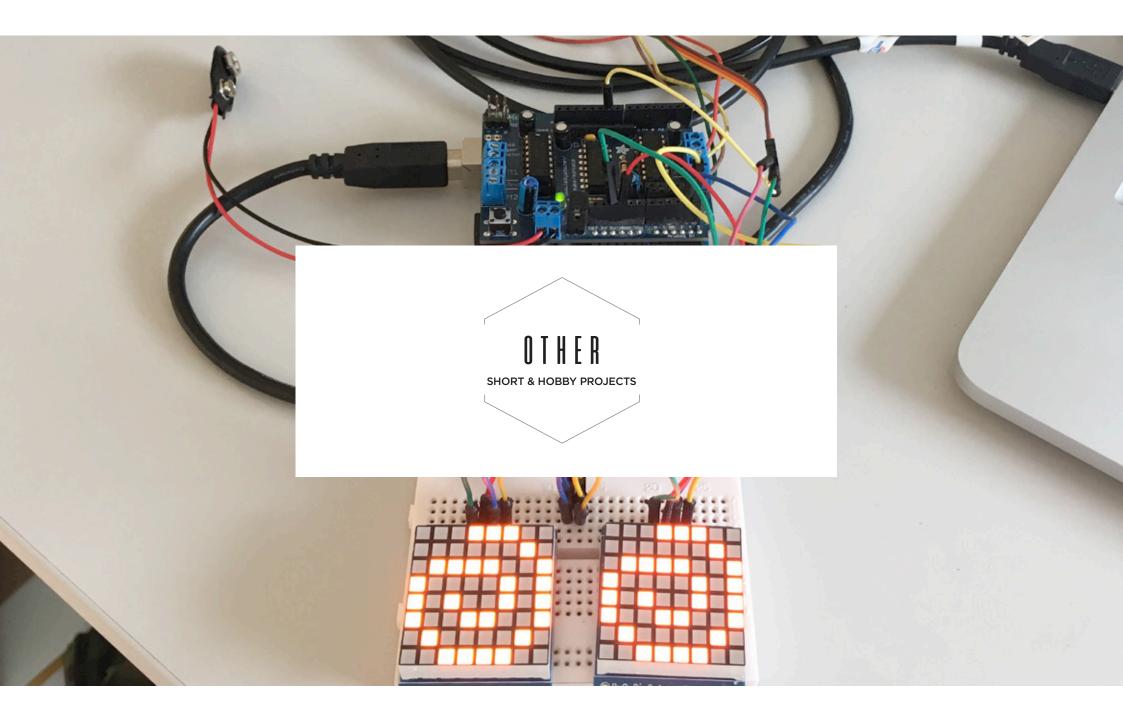
FIND A WAY TO LICK MY ELBOW, but I can't and it makes me very confused because I HAD A PENGUIN THAT COULD SEE THE FUTURE. But Batman showed up and SO DID MY BUS. It was a lovely sunny day in Umeå, and then I SIN A MIN LOOKING AT ME WITH A KNIFE IN HAND, but I was wrong, because the knife was made out of chocolate. And then Willy Wonka came and gave me a ticket to his chocolate factory. But suddenly, a guy appears... OH SHIT, I MISSED MY BUS.

It was cold but sunny day, the bus would arrive soon. I THINK I SAW AN ELEPHANT IN THE CLOUD BUT IT VANISHED. The elephant cloud was gone and the sun was back with some light clouds like a veil on the sky.

My thoughts went to a wedding I just attended. It was a beautiful wedding and everyone was bappy! Love is a beautiful thing.

THEN I SAW THE BUS LEAVE... I had just missed my bus. But then, I realized it was only a dream and I am stuck in bed with my bunch of papers to do. Vad twelt :-)

EXHIBITION SETUP

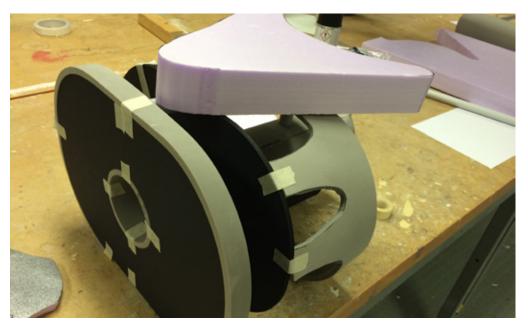


# OFFICER VI GAUNTLET

COSPLAY PROP MAKING / 2015 2 WEEKS





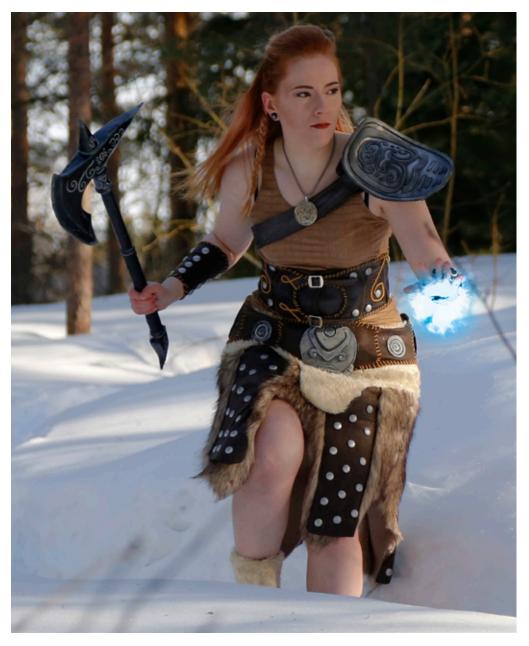




READ FULL STORY OF HOW I MADE THE GAUNTLET

# SKYRIM STUDDED ARMOR

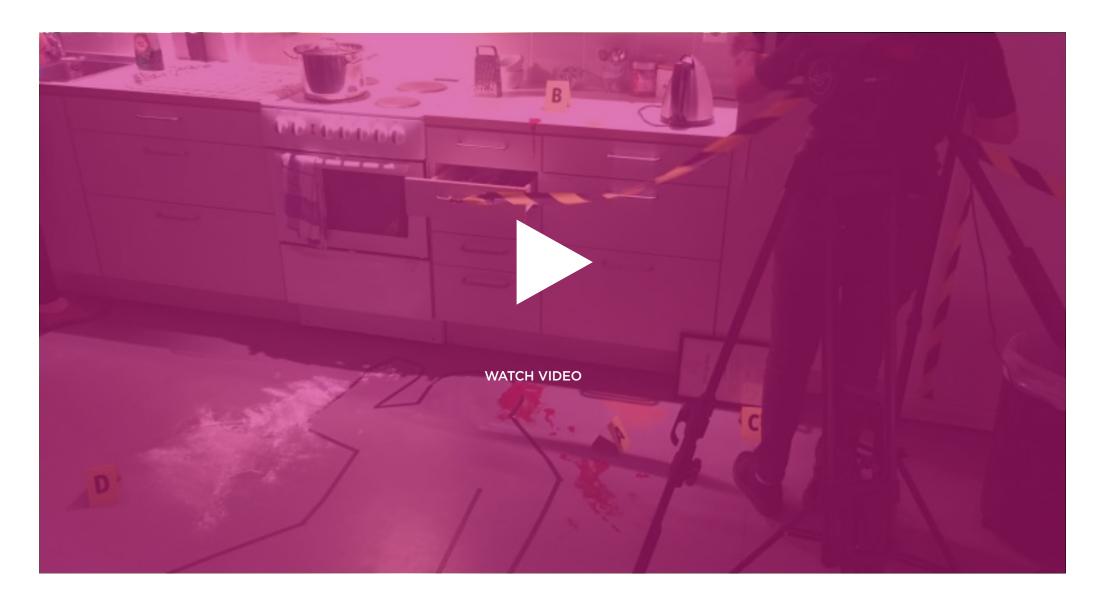
**COSPLAY** / 2017 1 WEEK





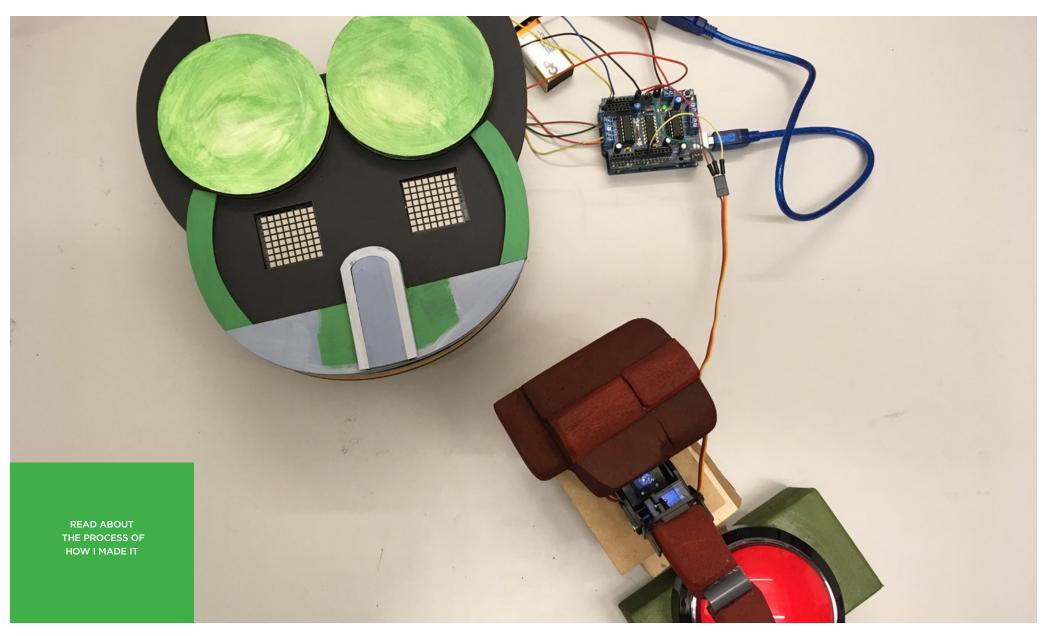
# RASPBERRY PIE

**SHORT FILM** / 2017 2 DAYS UMEÅ INSTITUTE OF DESIGN



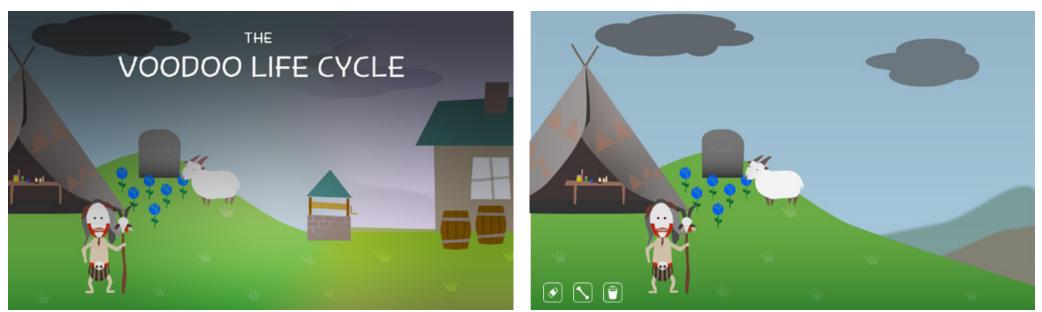
# OMEGA SQUAD VEIGAR HEAD

**ARDUINO** / 2017 2 DAYS UMEÅ INSTITUTE OF DESIGN



# VOODOO LIFE CYCLE

ILLUSTRATION / 2016 2 DAYS GLOBAL GAME JAM





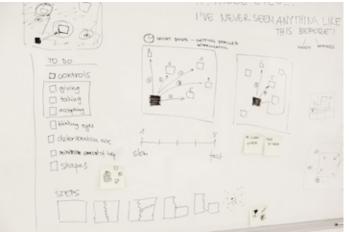


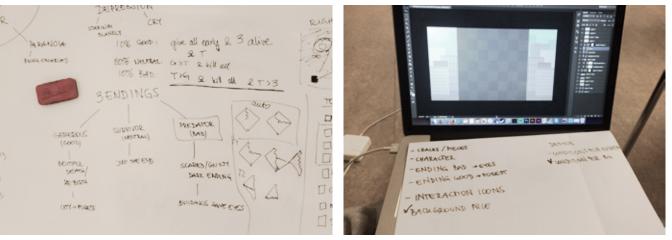
# TIME VS. ACTION

GAME DESIGN & ILLUSTRATION / 2016 2 DAYS EMOTIONAL GAME JAM

Game jam theme: Every breath brings us closer to death... those eyes....









**EMAIL** JUSTYNA.FRYCZAK@GMAIL.COM

> **SKYPE** JUSTYNA.FRYCZAK