

# USER EXPERIENCE PORTFOLIO

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A word cloud of user experience (UX) related terms. The words are arranged in a circular pattern, with 'product' and 'design' being the largest and most central. Other prominent words include 'users', 'development', 'user', 'ux', 'software', 'process', 'source', 'different', 'think', 'use', 'testing', 'products', 'elements', 'web', 'website', 'device', 'used', 'like', 'information', 'mobile', 'interact', 'help', 'system', 'experience', 'parts', 'ui', 'designed', and 'source'. The colors of the words range from light blue to dark blue.

source process designed  
different users think  
software ui  
product  
web elements products use  
design testing  
website used like information parts  
device development mobile interact  
ux user help  
experience system

# ABOUT ME

## EXPERIENCE

**2018-**

Wolfram Research, Inc  
User Experience Analyst

## EDUCATION

**2018-2020**

MASc. in System Design  
Engineering

**2014-2018**

B.S. in Industrial  
Engineering

# MY SKILLS

## RESEARCH

UX Research, Experimental Design, User-Centric Design

## PROTOTYPE

Axure RP, Figma, Sketch, Adobe XD

## PROGRAMMING

SQL, Python, MATLAB

## DATA ANALYTICS

SPSS, SAS, NVIVO

## DATA VIZ

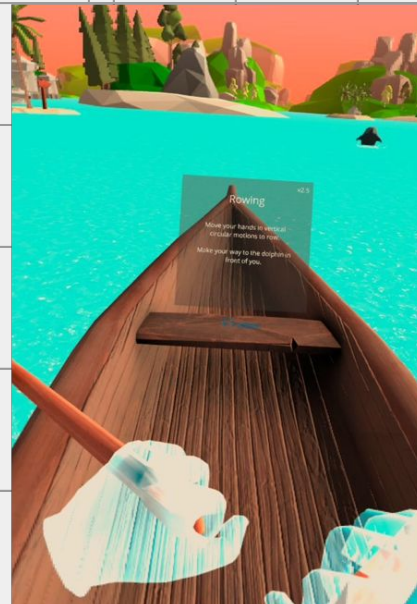
Data Studio, Tableau

## WEB ANALYTICS

Google Analytics, Adobe Analytics

# VR GAME DESIGN

Seas the Day - A seated exercise game in Oculus Quest



## VR GAME DESIGN

## Project Objective

- Design and develop VR exergames to promote physical activities in older adults living with dementia
- Involve stakeholders using user-centric design method

[illegible]

## RESEARCH.



Literature & Market Research



Shadowing Program



Interviews & Focus groups

## BRAINSTORM.



Demo Sessions



Brianstorm Worksheets



Design Workshops

## BUILD.



Individual & In-person Playtesting



Changed due to COVID



Remote & Group Playtesting

As a M.S. graduate research student on the project, I **facilitate** the creation of the research activities, conduct of the workshops, and data analysis of the research data.

# DATA VISUALIZATIONS - SEAS THE DAY

## Project Objective

- Explore metrics related to the performance of a person during an exergaming session using the developed VR exergames.
- Co-create data visualizations with exercise therapists to deliver meaningful information about an exergaming session or client status.
- Evaluate the proposed data visualizations on its potential of complementing existing exercise therapy.

## IDENTIFY.



Literature & Market Research



Shadowing Program

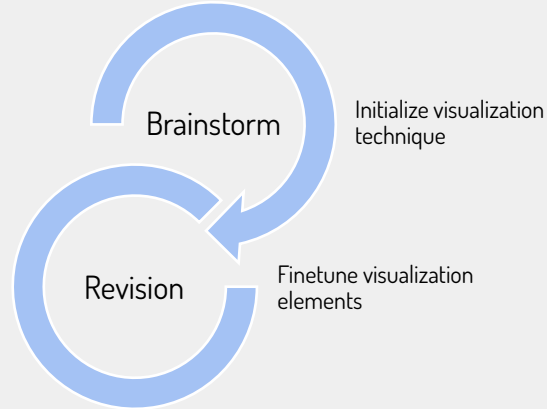


Interviews & Focus groups

## DESIGN.



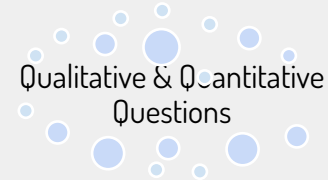
Design Workshops



## EVALUATE.



Online Questionnaire



Mixed method analysis

Potential of data visualization

As a M.S. graduate research student on this thesis project, I **lead** the study and data analysis process.



# WOLFRAM

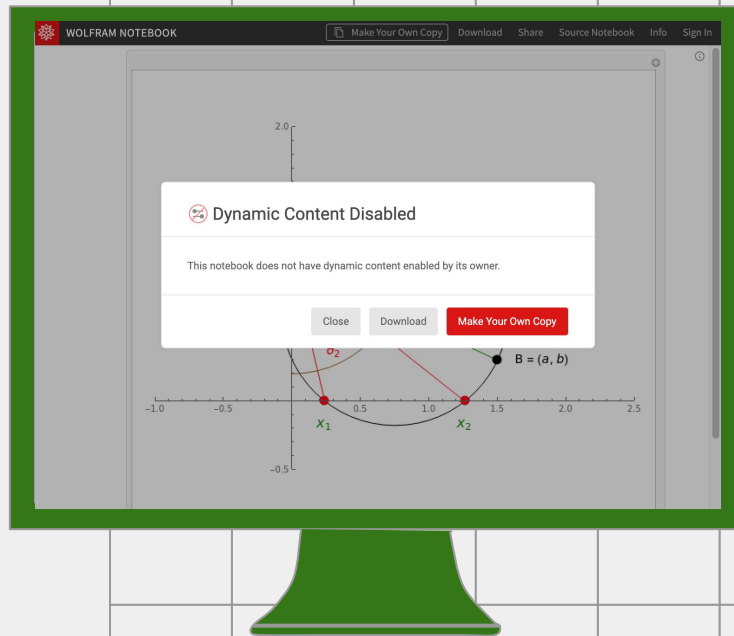
User Experience Analyst



# WOLFRAM NOTEBOOKS

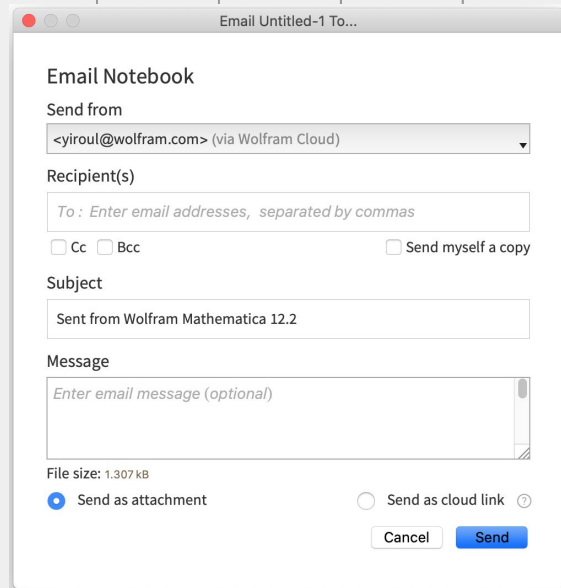
Wolfram Notebooks are interactive documents that supports live computations, arbitrary dynamic contents, high-level programmatic interface using Wolfram Language. Specific permission needs to be granted for others to interact with author's interactive dynamic contents (e.g., 3D graphics, manipulations).

A notification is developed to tell users that they don't have the permission to interact with the object.



# DESKTOP EMAIL TO...

A new menu item that allows user to send the current working (potentially unsaved) file to other people via email was proposed.

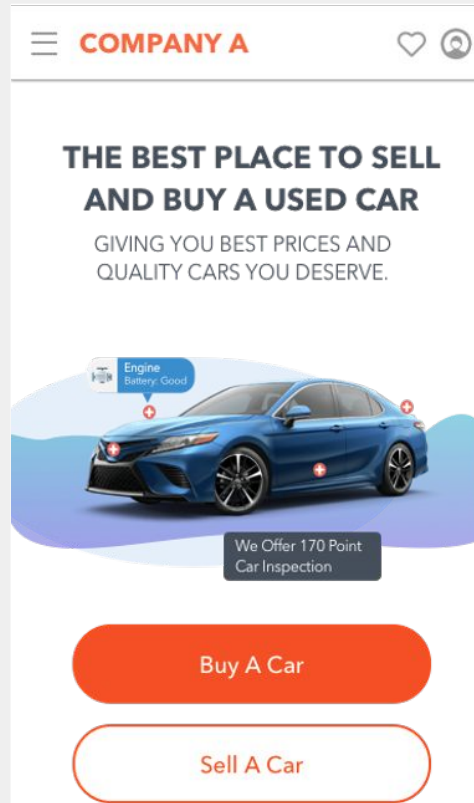


The screenshot shows a macOS-style dialog box titled "Email Notebook". It contains the following fields and options:

- Send from:** A dropdown menu showing "<yiroul@wolfram.com> (via Wolfram Cloud)".
- Recipient(s):** A text input field with the placeholder "To : Enter email addresses, separated by commas". Below it are checkboxes for "Cc" and "Bcc", and a checkbox for "Send myself a copy".
- Subject:** A text input field containing "Sent from Wolfram Mathematica 12.2".
- Message:** A large text area with the placeholder "Enter email message (optional)".
- File size:** A label indicating "1.307 KB".
- Send options:** Two radio buttons: "Send as attachment" (which is selected) and "Send as cloud link".
- Buttons:** "Cancel" and "Send" buttons at the bottom right.

# CAR DEALERSHIP - MOBILE PAGE DESIGN

- Provide high-fidelity, pixel-accurate mockup for Dealership mobile app homepage.
- Specify responsive behavior to fit different screen size and resolution.



## DISCOVER ALL THAT WE OFFER

WE OFFER MORE THAN JUST CAR SALES, WE HAVE AFFILIATED SERVICES TO PROVIDE YOU SERVICES AFTER YOUR PURCHASE.



DEDICATED RELATIONSHIP  
MANAGER



TRAINED IN-HOUSE  
PROFESSIONALS



100% SERVICE WARRANTY



ONE STOP MAINTENANCE