

Marcus Hum

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WORK EXPERIENCE

Sonova Innovation Lab

UI/UX Designer | Sept '19 - Dec '19

- Produced wireframes for mobile and wearable applications in Sketch and InVision to conduct usability testing and design iterations.
- Wrote and prototyped dialogue flows for a hearing test designed to be administered completely via a voice assistant.

Ontario Digital Service

UX Researcher + Developer | Jan '19 - April '19

- Planned and carried out user testing to iteratively design a new online healthcard application process.
- Applied accessible design principles to responsive mobile web applications in accordance with WCAG guidelines.

Ontario Institute for Cancer Research

Visual Designer + Theming | Apr '18 - Aug '18

- Collaborated with a small, agile, multi-disciplinary team to produce web solutions for over 8 projects at once using Jira and Confluence.
- Designed and built over 40 responsive pages using HTML/CSS/Bootstrap and Git.

PROJECTS

Spaghetti Yeti Game Development Team

Game Designer + Character Artist | Jan '18 - present

- Designed the core gameplay loop and main player character interactions across 5 different local multiplayer games.
- Created concept art and final character sprites in Photoshop.
- Won the "Most Fun" award 4 times at the GI Game Jam

Callisto-361 Synthesizer

June '19 - Aug '19

- Built and tested a medium fidelity prototype synthesizer interface for by visually impaired musicians.
- Lead user interviews with users with visual and motor disabilities to iteratively improve upon interface design.

Responsive Web Portfolio

Dec '19 - present

- Programmed a mobile-accessible portfolio website using HTML/CSS from scratch.

EDUCATION

University of Waterloo

Sept '16 - April '21 (expected)

BASc. Systems Design Engineering

SKILLS

Design

Responsive web design

Mobile application UI

VUI dialogue flows

Design for accessibility

Wireframe + mock ups

Graphic Design

Wearable device UI

Research

Rapid prototyping

Storyboarding

Usability testing

User interviews

Personas

Heuristic evaluation

Workflow modeling

Coding

HTML & CSS

React

Git

Software

Sketch

Adobe Creative Suite

InVision

Languages

French

English

INTERESTS

Game Design

Tabletop games

Cooking

Animal Documentaries

Traditional art