# Rachel Janhunen

## PRODUCT DESIGNER

### CONTACT

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### SKILLS

Visual Design

Interaction Design

Information Architecture

Wireframing

Prototyping

User Research

User Journey Maps

Usability Testing

### TOOLS

Figma

Adobe Sketch

Procreate

Adobe Photoshop

Canva

Indusoft Web Studio

### PROGRAMMING

HTML/CSS

Python

C#

## EDUCATION

**BIOMEDICAL ENGINEERING, BASc**
University of Waterloo | 2017 - 2022
Computing Option

## EXPERIENCE

### UI DESIGNER
Borealis Wind | May 2021 - Aug 2021
- Created a user interface and supporting backend development to allow for commissioning of the ice protection system when installing within wind turbines
- Scoped the functional requirements and developed a weighted decision matrix to allow for prioritization of the requirements
- Performed usability testing to assess the usability goals of the user interface, resulting in all benchmarks being met

### AI ACCELERATOR HARDWARE ENGINEERING
Untether AI | Jan 2021 - Apr 2021
- Developed firmware in C++ to run temperature monitoring and a boot flow, to optimize the STM32 MCU runtime

### CONTROLS ENGINEERING
Borealis Wind | May 2020 - Aug 2020, Sept 2019 - Dec 2019
- Redesigned the user interface of an HMI based on user feedback
- Implemented tree testing to test the usability of the information architecture, proving with 90% confidence that the redesigned interface was easier and quicker to use
- Project managed all scope elements of the business for 1 month while the team was away for site installations

## PROJECTS

### AthleteVR
- Project managed an interdisciplinary team of 8 to prototype a virtual reality training app for athletes to use from home
- Outlined the content and wireframe for the user journey map
- Designed the app's user interface prototype within Figma

### SleepTracker
- Created personas within the problem space of disrupted sleep in those with dementia, using secondary research, interviews, and the fly-on-the-wall technique
- Developed usability and user experience goals to assist in usability testing of the final product
- Designed a user interface prototype within Figma, and evaluated the information architecture with a Treejack tree test