

# NINA PHAN

Product Designer & Human Factors Researcher

ninaphan.netlify.app  
nt2phan@uwaterloo.ca  
647.766.1295

## EXPERIENCE

### Product Design Intern | Autodesk

JAN. 2020 - AUG. 2020

- Led the design of a *project templates* tool to help construction organizations standardize their projects and easily propagate changes across project types. **Shipped** in the beta launch of Autodesk Build in Nov. 2020.
- Led the design of the landing page for Autodesk Build, where users search for and create projects. **Shipped** in the beta launch of Autodesk Build in Nov. 2020.
- Iterated from product concepts to hi-fi prototypes through weekly meetings with a cross-functional team of developers, a product manager and a UX researcher

### Product Design Intern | Ontario Digital Service Lab

MAY 2019 - AUG. 2019

- Co-led user research and interface design for a new family law portal and online information program, reducing the time spent navigating the legal system for 50,000 Ontarians annually
- Facilitated 16 user interviews and usability testing sessions, and 1 field study to validate design decisions with data
- Prescribed recommendations and solutions backed by actionable research findings to executive leadership and business stakeholders

### Diffusion MRI Research Assistant | Robarts Research Institute

JAN. 2018 - APR. 2018

- Designed and printed 3D diffusion MRI phantoms for tractography and validation of mathematical dMRI models
- Led multiple studies involving electrophysiology and use of FibrilTool to qualitatively and quantitatively identify trends in diffusion behaviour of 3D-printed phantoms

## PROJECTS

### Opidetect | Final Year Design Project

Sept. 2020 - Mar. 2020

- Guiding human factors research and mechanical design for an overdose detection device to be used by opioid users in COVID-19 isolation shelters

### Cardiaid | McMaster Medical School

JAN. 2019 - MAR. 2019

- Led user research and interface design for a vital monitoring system for patients with dementia that helps caregivers identify patient health decline in real-time

## EDUCATION

### University of Waterloo

Biomedical Engineering  
Expected April 2021

## TOOLBOX

### Design

Balsamiq  
Figma  
Adobe Creative Suite  
SolidWorks

### Research & Analysis

Usability Testing  
Field Studies  
User Interviews  
Journey Mapping  
Cognitive Work Analysis  
Signal Detection Theory

### Development

R  
SAS  
Python

## INTERESTS

Jazz guitar  
Basketball  
Skateboarding