

# Kristen Shiozaki

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## WORK EXPERIENCE

### **Tesla** | Engineering Program Manager Intern Sep 2021 – Present

- Leading efforts across 5 projects and collaborating with 12 multidisciplinary groups to meet cost, schedule, and quality goals for the Electronic Systems team.
- Defining program roadmaps and coordinating component/vehicle-level validation to scale low voltage products from prototype to production.
- Initiating weekly syncs and communicating design changes to Senior Engineers, Directors, and VPs through reports and presentations.
- Managing and releasing bills of materials through engineering change orders to align 10+ stakeholders on design changes forecasted to save \$3.6M in variable costs.

### **Applyboard** | Product Design Intern Jan 2021 – Apr 2021

- Reformed design team operations by introducing weekly design critiques and by establishing a new virtual onboarding process for the product design team.
- Led the redesign of a requirements editor feature for 100+ Customer Experience employees, reducing the number of application setup steps by 50%.

### **TD Bank Labs** | Experience Design Intern Jun 2020 – Aug 2020

- Pitched and defined the product roadmap for TD Bank Lab's first design system, earning buy-in from Designers, Engineers, and Managers.
- Conducted stakeholder interviews and gap analysis to identify and define 7 critical features for the design system.

### **Manulife** | UX Design Intern Sep 2019 – May 2020

- Led an 11 person team to define the product vision, design, and development of Manulife's first engineering outreach web platform (*developer.manulife.ca*).
- Pitched usability testing options to company executives, resulting in their implementation in current engineering projects.

## EXTRACURRICULAR ACTIVITIES

### **Midnight Sun Solar Car Team** | Operations Manager Sep 2018 – Present

- Defined the vision, multi-year roadmap and success metrics as the manager of the Hardware, Mechanical Interiors, UI/UX, and Business subteams.
- Established and led a team of 11 designers to research, design, and prototype the car's driver display and telemetry dashboard.
- Co-led a crowdfunding campaign to raise \$8,900 and secured \$60,000 in funding for the previous vehicle, Midnight Sun XIV.

### **UW/UX** | Logistics Lead Sep 2019 – Sep 2021

- Led workshops at *Hack the North 2020++*, *TILE 2021*, and *EngHack 2021* to teach visual design and prototyping skills to 450+ students.

## EDUCATION

### **University of Waterloo** Systems Design Engineering Sep 2018 – Present

Relevant Coursework:  
Engineering Prototyping,  
Human Factors in Design,  
Data Structures and  
Algorithms, Circuits

## TOOLKIT

### **Management**

Enovia, Jira, Confluence,  
Altium 365

### **Design**

Figma, Sketch, Axure,  
Photoshop, Illustrator,  
After Effects, Solidworks

### **Development**

HTML, Python, C++, Git,  
Android Debug Bridge

### **Skills**

Product Lifecycle  
Management, Product Data  
Management, Agile  
Methodology, User  
Research and Testing

## PERSONAL PROJECTS

### **Music Hear** | Android

An ear training practice tool  
used to prepare for  
practical music exams.

### **Bite Check** | iOS

A search-based tool used  
to find allergy-safe snacks  
and restaurants.