

Kristen Shiozaki

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WORK EXPERIENCE

Tesla | Engineering Program Manager Intern Sep 2021 – Present

- Driving engineering development across 6 projects and collaborating with 12 functional groups to meet cost, schedule, and quality goals for the Electronic Systems team.
- Defining program schedules and driving component/system-level validation to develop low voltage products from prototype to production.
- Leading weekly syncs and communicating design changes to Engineers, Managers, and VPs through architecture decision logs and presentations.
- Managing and releasing bills of materials through engineering change orders to align 10+ cross-functional stakeholders on design changes.

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 and UI inventory of 30+ components, 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 and programs at Manulife University.

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

Jira, Confluence, Enovia,
Altium 365

Development

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

Design

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

Skills

PLM / PDM,
Agile Methodology,
User Research and Testing,
Data Visualization

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.