

## Derek Kinsman

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derekkinsman.com

### Summary.

Creative developer, researcher, strategist, and prototyper with over a decade of experience crafting experiences—both digital and physical—for world-class companies, innovative startups, and founders still in stealth mode working on the next big thing.

### Experience.

#### Siberia.

October 2018 – October 2019

Product Lead

#### Projects.

*Siberia projects have all been made under strict NDA. If you wish to learn more about these projects at a high level a walk through can be made over the phone or over coffee.*

#### General Responsibilities.

- Conduct user testing interviews.
- Build information architecture diagrams, and other visualizations.
- Conduct competitive analysis/research.

#### Siberia.

March 2015 – October 2018

Engineering Lead

#### General Responsibilities.

- Provide mentorship to junior level developers.
- Prototype, and build proof of life versions of concepts and ideas for clients and internal projects.
- Build and debug client projects, utilizing a wide variety of technologies.
- Work with industrial designer to help build physical prototypes.

#### Teehan + Lax.

July 2011 – January 2015

Creative Technologist

#### Projects.

*D.I.G.I.T (2013)* — a custom mirror/display built using an array of 7-segment LEDs to display reflections in an ASCII-like view. Several copies were produced. Responsibilities: electrical engineering, and Raspberry Pi GPIO programming.

*Season in Review (2013)* — a mobile app and iPad case that visualized the 2012 MLB regular season. We produced a dozen copies and sent them to clients. Responsibilities: building all the physical components, as well as the packaging.

*Google Street View Hyperlapse (2013)* — a tool for generating hyper lapse style timelapse videos. Shortlisted for a Cannes Innovation Lion. Responsibilities: .

*Do We Have Milk? (2012)* — a mobile app and hardware device that tracks how much bagged milk you have left, and will send a reminder to the user to pick up more milk. Responsibilities: all physical components, electrical engineering, and Arduino-based programming.

#### General Responsibilities.

- Worked on the T+L Labs team, initially responsible for being a bridge between the Labs Director (also Lead Developer) and Lead Designer.
- Year two onwards of Labs I was responsible for bringing concepts (sourced from ideas within the whole company) to a Proof of Life state, while the Labs Director took the proof of life/concept into a more final form.
- Final year of Labs I ran Lunch & Learns for the whole company with the intention of bringing DIY/Maker/Hacker ethics to the whole company. Some of the topics included The History & Importance of the Quartz Movement, Pirate Radio, Ghost Detectors (for Halloween), P5.js, Working with Power Tools, Basics to Electronics, among others.

#### OntarioMD.

September 2007 – July 2011

UX Designer & Frontend Developer

#### General Responsibilities.

- Marketing, branding, and communication design.
- Interface design for various medical products.
- Frontend developer building above interface designs on top of Drupal, and Plumtree (now an Oracle product) CMSs.

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## Education.

### Sheridan College.

September 2002 – April 2004

Applied Photography

Ontario College Diploma

### Sheridan College.

September 2001 – April 2002

Art Foundations

Ontario College Certificate

## Skills.

### Industry Knowledge.

Electrical engineering	●●●○○
Design for Manufacturing	●●○○○
User Testing	●●●○○
Research	●●●●○
rapid prototyping	●●●●○
UI Design	●●●○○
UX Design	●●●○○
ML/AI	●●○○○
Information Architecture	●●●○○
IoT/Smart Devices	●●●○○
Cryptocurrency	●●○○○
Blockchain	●●○○○

### Technologies.

HTML	●●●●○
CSS	●●●●○
JavaScript	●●●○○
Node.js	●●●○○
React	●●●○○
Next.js	●●●○○
Ember.js	●●○○○
P5.js	●●●●○
ML5.js	●●●○○
Processing	●●●●○
Open Frameworks	●●●○○
Python	●●●○○
C/C++	●●○○○
Java	●●○○○
Kotlin	●○○○○
Arduino	●●●●○
Swift	●●○○○
Objective-C	●●○○○
Tensorflow	●●○○○
PHP	●●●○○

### Tools & Software.

Git	●●○○○
Google Docs	●●●○○
Microsoft Office	●●●○○
Adobe CC	●●●○○
Affinity Designer	●●●○○
Affinty Photo	●●●○○
Affinity Publisher	●●●○○
Sketch	●●○○○
Zeplin	●●○○○
Invision	●○○○○
AWS	●●○○○
Heroku	●●○○○
Now	●●○○○
Docker	●●○○○
Firebase	●●○○○
DigitalOcean	●●●○○
Google Cloud	●●○○○
Eagle	●●●○○