






# Sarah Cook

## Connect

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 sarahcook.ca  
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 strava.com/athletes/sefcook

## Skills

**Misc:** Organization, communication, performance under pressure, leadership, project management

**Design:** Needs analysis, human factors, wireframing

**UI/UX:** Balsamiq Mockups, Sketch, Adobe InDesign, cognitive ergonomics, interface design, user centered design

**Shop:** Soldering, machining, wood working, power and hand tools, PLC wiring and design

**CAD:** AutoCAD, Solid Works

**Languages:** HTML5, CSS, Java, C++, Python, Visual Basic

## Interests

Sustainability, the tiny house movement, running - check out my strava, veganism, reading

## Experience

**Jr. Deployment Engineer, Shoplogix, May - Sep. 2016**

Developed InDesign template for all marketing material  
Worked on-site with customers to improve production processes  
Developed tools to automate daily engineering activities  
Completed usability study, recommendations reduce task time by 46%

**Manufacturing Quality Engineer, Synaptive Medical, Sep. - Dec. 2015**

Managed incoming inspections for entire production floor  
Increased efficiency of quality reviews through multiple CI projects  
Supported the production using lean and 5S principles  
Conducted root cause analyses of non-conforming parts  
Developed decontamination procedures for returned parts

**Jr. Systems Engineer, TC Group, Jan. - Apr. 2015**

Participated in the development of the Music on Mobile (MOM) brand  
Launched first B2C online store  
Implemented store logistics and fulfillment process  
Investigated analytics solutions for MOM apps and store

**User Experience Designer, Communitech, Apr - Aug. 2014**

Consulted with clients to refine and develop product designs  
Developed product workflows using human factors principles  
Created wireframe interfaces for iOS, Android, and web

**Business Analyst, Manulife, Sep. - Dec. 2013**

Led on-call tool redesign project  
Managed all support requests for the Institutional IS team  
Assisted in the migration of all business areas to a central task log

**Arts Computing Assistant, University of Waterloo, Jan. - Apr. 2013**

Updated websites to meet Web Content Accessibility 2.0 Guidelines  
Assisted staff, students, and faculty with hardware and software issues  
Acted as the student liaison for Arts Computing and the campus IT

## Education

Systems Design Engineering, University of Waterloo, 2017 (Expected)  
Engineering Drawing 1, Dual Credit, Conestoga College, 2012