

# Victoria Graham

Designer + Developer  
Systems Design Engineering

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## about

an engineering student  
bilingual in French & English  
a leader + a collaborator  
eager to make a difference  
interested in realizing your goals

## toolbox

C#	SpecFlow
C/C++	SQL Server
JavaScript, JQuery	Visual Studio
HTML, CSS	TFS, Jira
SQL	Arduino

## design

SketchUp	User Research
Solidworks	Prototyping
Figma	Usability Testing
Canva	User Journey Maps

## education

University of Waterloo  
Systems Design Engineering  
Candidate for B.A.Sc. in Honours  
Applied Science  
Graduating 2022

## interests

internet of things  
machine learning  
running  
onewheel

## co-op experience

### Civica Infrastructure Summer 2019

#### Full Stack Software Developer

- Web app developer: C#, JavaScript, MVC framework
- Front end: JQuery, Kendo UI, & HighCharts libraries
- Back end: SQL Server and .NET framework
- Integration with Azure storage, climate radar, ESRI layers
- Implemented data import tool for database migration

### Deloitte Autumn 2018

#### Digital Integration Business Technology Analyst

- Technology consulting in Montreal DI practice
- System delivery project: analyzed legacy SpecFlow automated tests & created and executed interface and manual tests for Agile SIT team
- Internal practice: produced staffing, onboarding & POW proposal decks

### Economical Insurance Winter 2018

#### QA Project Management Intern

- Moderated daily defect triage meeting with QA leads
- Delivered workplace mindsets presentation to QA team
- Collaborated with consultants for UAT phase by designing defect tracking Excel pivot tables & preparing test cases

## projects

### Elevator Simulation Model 2018

#### Arduino, C

- Engineered microcontroller circuit with limited hardware components for binary addition
- Implemented interrupts and timers to simulate call request triggers

### Miniature Hydraulic Arm 2017

#### SketchUp, woodshop

- Designed and built miniature functional syringe-powered hydraulic arm
- Applied fluid dynamics and torque theory in design phase