Victoria Graham

Aspriring Designer + Developer
Systems Design Engineering

Github
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about

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

toolbox

C#	Python
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
Graduating 2022

interests

internet of things
machine learning
running
onewheel

co-op experience

SAP
Winter 2020

Product Management

- Captured stakeholder requirements and crafted internal and external roadmaps for cloud database product
- Created driver trend report in Jupyter with Python, pandas & matplotlib libraries using JSON and CSV data

Civica Infrastructure
Summer 2019

Full Stack Software Developer

- Hydrology web app: C#, JavaScript, MVC framework
- Front end: JQuery, Kendo UI, & HighCharts libraries
- Back end: SQL Server and .NET framework
- Integration with Azure blob storage, climate radar, ESRI
- Created csv 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
- Created test cases for UAT phase
- Designed defect tracking Excel pivot tables

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