CAITLYN KODRIC

Systems Design Engineering
Class of 2020

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Back-End	Front-End	Tech Skills	Soft Skills
▸ C++	▸ JavaScript	▸ Git	▸ Strong problem-solving and collaboration
▸ Python	▸ jQuery	▸ Photoshop	
▸ Java	▸ HTML/CSS	▸ GIMP	▸ Excellent communication and organization
▸ PHP	▸ Bootstrap	▸ Arduino	

Experience

Front-End Developer
MAJiK Systems (Kitchener, ON)   Sept. 2016 - Dec. 2016
- ▸ Created a timeframe model with real-time functionality for synchronous use throughout application
- ▸ Wrote and tested functionality of timeframe class using 100+ unit tests with **should.js** and **chai.js**
- ▸ Updated and created client environments and modules for dynamic use with API's on new MAJiK framework working with **Backbone.js**, **Marionette.js**, **jQuery**, **Lodash**, and **Karma**

UI Developer / QA Analyst
Veriday (Mississauga, ON)   Jan. 2016 - Apr. 2016
- ▸ Designed and developed new websites as well as enhanced existing websites to meet requirements created by clients using **HTML/CSS, JavaScript, jQuery and Bootstrap**
- ▸ Ensured websites were optimized and responsive on all devices and platforms
- ▸ Assisted with improvement of migration scripts by testing and reporting bugs

Projects
View more projects at www.caitlynkodric.com

Snaptrax
Nspire - NHacks 16' (London, ON)
- ▸ Used Agile development; utilized Clarifai API to collect tags from uploaded images or URLs, which would match tags to a SoundCloud song and output result to user
- ▸ Developed website application using **HTML/CSS, JavaScript, Bootstrap**

AquaBicylinder
1A Design Project (Waterloo, ON)
- ▸ Designed and developed a product using multiple prototypes to create a method of transporting water that will reduce the impact of physical health affects
- ▸ Created CAD drawings using **SolidWorks** to create 3-D printed a component
- ▸ Acquired report writing skills using multiple charts and statements to justify effective design choices

Education

Systems Design Engineering - 2A - University of Waterloo
Relevant Courses:
- ▸ Digital Computation (C++), Graphics Laboratory (SolidWorks), Digital Systems (Arduino), Data Structures and Algorithms (Java & Python)
- ▸ Introduction to Design, Human Factors in Design, and Design, Systems, and Society

Interests
Competitive Cheerleading, Snowboarding, Volleyball, Saxophone, Bassoon, Hiking