Caitlyn Kodric

Systems Design Engineering

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Skills

- Gained proficient knowledge in Git, Javascript, jQuery, HTML/CSS, Bootstrap, and Photoshop from previous work experiences
- Strong problem solving and collaboration skills demonstrated by meeting required timelines with associated JIRA tickets
- Acquired working knowledge in C++, Java, Python, Arduino, and SolidWorks from previous courses

Experience

Front End Developer

Majik Systems (Kitchener, Ontario) Sept 2016 - Dec 2016

- Constructed a model to integrate real time functionality synchronously though web application
- Created client modules that use MAJiK's API's dynamically on their framework of Backbone.js, Marionette.js, jQuery, Lodash, and Karma
- Wrote unit tests with Should.js and Chai.js to ensure optimization of real time displays

UI Developer

Veriday (Mississauga, Ontario) Jan 2016 - Apr 2016

- Developed and designed custom websites as well as enhanced existing websites to meet requirements created by clients
- Ensured websites were optimized and responsive on all devices and platforms
- Assisted with improvement of migration script by testing and reporting bugs

Projects

View media at www.caitlynkodric.com

Slot Machine [github.com/caitlynkodric/Slot-Machine]

Digital Systems Project (Waterloo, Ontario)

- Constructed Arduino driven slot machine with LCD display and motor
- Assembled technical circuit drawings, schematics and reports

Snaptrax [github.com/declan1397/SnapTrax]

Nspire - NHacks (London, Ontario)

- Worked in agile environment to create web application; allows users to upload images and receive an associated song matching tags from image

AquaBicylinder

Design Project (Waterloo, Ontario)

- Acquired technical writing skills using multiple resources to meet project goals
- Assembled CAD drawings using SolidWorks to create 3-D printed component

Education

Candidate for BASc, Honours Systems Design Engineering

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