

Emma DaPonte

Curriculum vitae

WORK EXPERIENCE

JAN 2018 - CURRENT

KPMG

Software Developer

- Worked collaboratively with a small team in the Tax Transformation Technology department
- Performed full stack web development with NodeJS, VueJS, REST APIs, SQL server backend, deployed on Windows Azure, including an analytics dashboard
- Automated existing internal processes for other departments using Python
- Participated in all aspects of the software development life cycle
- Engaged with stake holders to determine software requirements
- Created comprehensive project plans for my development projects that were tracked through JIRA
- Redesigned and rebuilt old applications to meet new requirements
- Participated in code reviews, biweekly feedbacks, weekly sprint planning, and design sessions

AUG 2016 - AUG 2017

Amec Foster Wheeler

Programmer

- Worked as the only programmer in the project planning department analyzing existing systems and processes to provide streamlined solutions by leveraging technologies.
- Created automated Excel reports and automated pre-existing Excel reports that connected to SQL databases
- Designed ETL processes and accompanying databases and analysis dashboards
- Made user friendly interfaces with comprehensive logs and error catching
- Optimized and documented pre-existing programs
- Worked directly with stake holders to add new features existing applications and reports
- Maintained, debugged, and added new pages to department website

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EDUCATION

2011 - 2016 **University of Toronto**

HONORS BACHELOR OF SCIENCE
Computer Science and Math double major, Philosophy minor.

SKILL HIGHLIGHTS

WEB DEV	VueJS, React, NodeJS, REST APIs, Meteor, Javascript, jQuery, Bootstrap, HTML/CSS, Heroku, Azure
DATABASE	MongoDB, SQL Server
GENERAL	C, Git, Java, Python

PERSONAL PROJECTS

FALL 2017

Meteor/Node.js and React

Interactive Web App

Built a 3D cube with interactive buttons and menus that can be rotated using the arrow keys or swiping on mobile. Each side has unique content and expands when in focus. Functionalities include being able to send an email through the NodeJS server, toggling between a min/max mode, and a dialog to customize the cube's rotation.

The cube is built with Meteor and hosted on Heroku. Uses React components for the UI, CSS transform properties for the 3D look, and JavaScript for catching keyboard events. Currently implemented as a personal website at contentcube.herokuapp.com.

SUMMER 2017

Javascript and jQuery

Google Chrome Extension

Extension made with Javascript and jQuery that creates a small window with a preview of moused over links that responds to keyboard commands. Content displayed is tailored for the specific website, and code is structured to easily add previews for new websites. Works on Kijiji.ca by showing the exact address and clickable map when hovering over ads. Github: github.com/emdap/LinkPreview.