Emma DaPonte
Software Developer

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WORK EXPERIENCE

JAN 2018 - CURRENT

KPMG - Tax Transformation and Technology

Full Stack Software Developer

- Developed and deployed web applications using VueJS, NodeJS, REST APIs, SQL and Azure, including an analytics dashboard and workflow management tool

- Created a file-matching proof of concept web app using NLP and a Python/Flask back end and VueJS front end

- Used C and Python to automate accounting software/processes such as Taxprep, Sage FAS, and Excel

- Worked on C legacy applications to add new features and optimize performance

- Worked directly with stakeholders to define requirements for projects

- Participated in code reviews, biweekly feed back sessions, 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.

- Designed ETL processes and accompanying databases and analysis dashboards using C# and SQL

- Created automated Excel reports and automated pre-existing Excel reports that connected to SQL databases using VBA

- Maintained, debugged, and added new pages to department website using JQuery and PHP

- Worked directly with stake holders to add new features to existing applications and reports

VOLUNTEERING

JAN 2018 - CURRENT

Feral Cat Feeding

Provide food, cleanup, and cuddles as required for two feral cat colonies on Saturday mornings

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, Flask
DATABASE	MongoDB, SQL Server
GENERAL	C#, Git, Java, Python

PROJECTS

WINTER 2019

VueJs, NodeJS, Heroku

Web App using public API

Used The Movie DB API to drive a web app with a VueJS front end for viewing popular and top rated movie posters and details. Uses a NodeJS server as a half-way point to connect to The Movie DB API using a private key stored on the server. Features include monitoring the API's rate limit and spacing out requests accordingly, infinite scrolling for both movie lists, and the ability to add movies to an in-app favorites list. Optimized for viewing on mobile browsers, but works on Desktop too. Check it out at good-movie.herokuapp.com.

FALL 2017

React, Meteor/NodeJS, Heroku

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. 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.