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Alberto A. Lopez

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Languages and technologies

Key skills (all 2+ years): JavaScript, Python, HTML5, CSS3
Recently used: React, webpack, Node.js, express, Sass, Git, postgres, nginx, jQuery
Learning: UX and UI, usability, functional programming, ES6, test driven development
Used in the past: Google app engine, Django, flask
Rapidly forgetting: C, Java, R

Projects

Polling
https://shrouded-fortress-20795.herokuapp.com/
https://github.com/AlbertoALopez/polling/

A voting app built on React, node and postgres, hosted on Heroku. Allows users to create, vote on and share their polls. User accounts implemented with google oauth2/passportjs.
- Frontend: React, Material UI, SASS, webpack
- Backend: node.js, express
- Database: postgres, sequelize(orm)

Multi User Blog
http://first-strength-135202.appspot.com/
https://github.com/AlbertoALopez/gae-blog

A multi user blog where users can create accounts, make posts, leave comments and like posts/comments. Deployed with Google App Engine.
- Frontend: Bootstrap, jQuery
- Backend: python, webapp2 framework, jinja2 templating
- Database: google datastore

Neighbourhood Map
http://capricious-knowledge.surge.sh/
https://github.com/AlbertoALopez/neighbourhood-map

An exercise in consuming APIs and MVVM architecture with KnockoutJS. Accesses a JSON API from Doors Open Toronto 2016, a list of more than 130 culturally important buildings across the city. These locations are then plotted onto Google Maps using javascript.
- Frontend: Materialize, jQuery, webpack, KnockoutJS

Employment

Freelance Web Developer   2016 – Present
- Developed front and backend of several website for various clients, as well as for training/education

Project Manager, 19gale Inc   2012 – 2013
- Managed projects for a startup media agency, with a team including another developer, designer and copywriter
- Team successfully delivered several projects for small businesses and organizations within the GTA

National Statistics Officer, Baha'i National Center   2012 - 2013
- Responsible for statistical analysis, data visualization and training of regional employees.
- Automated workflow using Python, pywin32, MS Access and SQL.

Additional employment

Electro Optical Technician, Newcon Optik   2014 - 2015
- Assembly, testing and calibration of high end optical devices for the defense industry

Education

Seneca College   2016
Electronics Engineering Technology

Ryerson University - Continuing education   2013 - Present
Courses: Computer science I & II, Introduction to C and Unix, Data structures and algorithms I

Wilfrid Laurier University   2011
BA Economics