**LAURENDY LAM**

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**SUMMARY OF SKILLS AND QUALIFICATIONS**

**Operating Systems:** Windows • Mac OS • Linux

**Computer Languages:** Java • HTML5 • CSS3 • PHP • JavaScript • Typescript • Python • Ruby • C++

**Database:** MySQL • SQLite • Mongo

**Web Frameworks:** Bootstrap • JQuery • Laravel • CodeIgniter • AngularJS • React • NodeJS • ExpressJS

**Build Tools:** Grunt • Gulp • Webpack

**Package Managers:** Composer • Maven • NPM • PIP • Gems • Bower

**Other Applications:** Arduino • Adobe Photoshop • Umlet • Plantuml • Microsft Office Suite

**Natural Languages:** English: Spoken & Written • French: Spoken & Written

**WORK EXPERIENCE**

**Full Stack Web Developer Intern at Carson – Shopify Expert May 2016 – September 2015**

3 Place Ville Marie, Montreal, QC

* Wrote enhancements for Shopify themes on over 255 ecommerce stores.
* Dealt with 1955 customer emails over the course of the intern.
* Implemented and helped develop a Shopify app with Laravel and AngularJS.

**Lifeguard Only Summers of 2011 – 2015**

Ville Marie, Montreal, QC

* Kept the well-being and safety of the public.
* Regulated and maintained water quality (chlorine and PH).
* Communicated with clients and provided information on events in the surrounding borough.

**Tutor September 2011 – June 2012**

General Vanier Elementary School, Montreal, QC

* Helped students improve their academic skills in mathematics

**FREELANCE EXPERIENCE**

**Full Stack Developer July 2016 – November 2016**

Valori Insurance Broker Company, Montreal, QC

* Designed and developed a custom website with Laravel, Bootstrap, and Angular.

**Full Stack Developer December 2015**

Restaurant Thaison Barbecue, Montreal, QC

* Designed and developed a website for a small family restaurant.
* Uses a MySQL database to contain the language and prices of each dish.

**EDUCATION**

**Bachelor of Engineering – Software Engineering (3rd Year)** **2014- 2018 (Expected)**

Concordia University, Montreal, QC

* Member of the Institute for Co-operative Education
* Current taking: Operating Systems, Software Architecture II, User Interface Design, Software Engineering Project, Software Testing and QA.

**PROJECTS**

**Ride Sharing App (Academic) – Laravel, Bootstrap V4, JQuery November 2016**

Concordia University, Montreal, QC

* Implemented the front end with Blade, Bootstrap and JQuery.
* Allows users to post or join carpool rides.
* Uses Google’s APIs for geocoding and holds 11 relational tables with MySQL

**Reservation System (Academic) – ExpressJS, AngularJS, Bootstrap November 2016**

Concordia University, Montreal, QC

* Provides an easy interface for students to book available rooms and provides a concurrent write system that prevents two users from making reservations at the same time.
* I designed and coded the user interface, database and system components.

**LastCallMTL (Personal Group Project) – CodeIgniter, JQuery, Bootstrap July 2016**

Concordia University, Montreal, QC

* Event organizing service to facilitate process of planning.

**Course Sequence Planner (Academic) – CodeIgniter, JQuery, Bootstrap January 2016 – March 2016**

Concordia University, Montreal, QC

* Provides an easy interface for students to follow a course sequence and simplifies course registration by generating multiple schedules for them to select and enroll.
* 12 team members. 9 documenters and 3 implementers.
* My role was a lead programmer and I design the user interface, database and system components.

**Classical Risk Game (Academic) – C++ September 2015-December 2015**

Concordia University, Montreal, QC

* 4-member team. My role was to design the map creator and map loading/saving mechanism.

**3D Printed Variable Power Supply (Personal) – Arduino November 2015**

A variable power supply to power electronics.

* Designed and soldered circuit. Printed a 3D model case with Autodesk Fusion 360.
* Capable of delivering around 50 watts.
* Uses an LCD to display voltage and current readings.

**3D Printed Clap Switch Box (Personal) – Arduino August 2015**

This box enables a user to control an appliance by clapping twice.

* Designed with Autodesk Fusion 360 and printed with Cura.
* Connects between a power outlet and a lamp.
* The box can be switched off by a simple switch.
* Uses an Attiny85 microcontroller programmed with Arduino.

**VOLUNTEER WORK**

**Satellite Developer for Concordia Space Club, C++ January 2016**

* Currently learning system and having group discussions.

**Graphic Designer for Canadian Concordia Asian Society January 2015 – May 2015**

* Produced high quality posters and video content for events.

**AWARDS & DISTINCTIONS**

**Winner for Best Logo Design for** SSAP Dawson College **May 2015**

* Awarded 300$

**Clip Ton 514, Poster Award May 2014**

* Won best poster for a short film competition for John F Kennedy High School.

**McGill Science Award** for excellence in sciences **June 2012**

**Governor General Award** for excellence in academics **June 2012**