LAURENDY LAM

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SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems: Windows XP/Vista/7/8.1/10 • OS X Yosemite • Linux Ubuntu

Programming: Java • JavaScript • HTML5 & CSS3 • Python • C++ • C • PHP • Prolog • Lisp

Database: MySQL • MySqlite

Tools: Eclipse • Git • IntelliJ • PhpStorm • Visual Studio • Sublime Text

Web Frameworks: Bootstrap • JQuery • Laravel • CodeIgniter • Angular

Other Applications: AutoCAD Fusion 360 • Adobe Photoshop CC • Adobe Premiere Elements • Arduino Development Platform

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

EDUCATION

Bachelor of Engineering – Software Engineering   **2014- 2018 (Expected)**
Concordia University, Montreal, QC
- Member of the Institute for Co-operative Education
- Current taking: Software Process, Technical Writing, Statics Physics and Statistics

Health Sciences   **2012-2014**
Dawson College, Westmount, QC

PROJECTS

Course Sequence Planner and Registration (Academic)   **2016 – present**
Concordia University, Montreal, QC
- Provides an easy interface from students to follow a course sequence and simplifies course registration by generating multiple schedules for the student to select and enroll.
- 12 team members. 9 documenters and 3 implementers.
- My role is lead programmer and I design the user interface, database and system components.

Classical Risk Game in C++ (Academic)   **September 2015-December 2015**
Concordia University, Montreal, QC
- 4 team members.
- My role was to design the map creator and map loading/saving mechanism.

3D Printed Variable Power Supply (Personal)   **November 2015**
A variable power supply to power electronics.
- Designed and soldered the circuit. Printed a 3D model case with Autodesk Fusion 360 and Cura.
- Capable of delivering around 50 watts.
- Uses an LCD to display voltage and current readings.

3D Printed Clap Switch Box (Personal)   **August 2015**
This box enables a user to control an appliance by clapping twice.
- Designed and soldered the circuit. Printed a 3D model casing with Autodesk Fusion 360 and Cura.
- Connects between a power outlet and a lamp.
- The box can be switched off by a simple switch.
- Used the Arduino Platform to program the Attiny85 microcontroller.

WORK EXPERIENCE

Web Developer   **November 2015 – December 2015**
Thaison Barbecue Restaurant, Montreal, QC
- Designed and developed a website for a small restaurant business.
- Designed a MySQL database to contain the language and prices of each dish.
- Used: PHP, JavaScript, HTML & CSS, and JQuery for effects.

Lifeguard   **Only Summers of 2011 – 2015**
Ville Marie, Montreal, QC
- Kept the well-being and safety of the general 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

VOLUNTEER WORK

Assistant Programmer for the Green Wall Project   **February 2015 – present**
District3, Montreal, Quebec
- Currently in brainstorm phase.

Graphic Designer   **January 2015 – May 2015**
Concordia Canadian Asian Society, Montreal, Quebec
- Produced high quality posters and video content for events.

AWARDS & DISTINCTIONS

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