ILIANA KATINAKIS

+1 (514) 519-3125 • k.iliana@live.ca

6580 rue de Terrebonne • Montréal, QC H4B 1B4

CAPABILITIES

- Quick learner with excellent problem-solving skills
- Enjoy working with people in a team or independently
- Responsible and hard working
- Motivated and confident
- Open minded and intellectually curious
- Organised and methodical

TECHNICAL SKILLS

- **Operating Systems:** Windows, Mac OS, Linux
- **Programming Languages:** Java, C, C++, VHDL, ARM Assembly, OCaml
- **Web Development:** HTML, CSS, Java Spring, XML
- **Tools:** Full proficiency in Microsoft Office (Word, PowerPoint, etc.), Adobe Photoshop/Illustrator/XD, Eclipse, Git, GitHub, JUnit, Umple, Android Studio
- **Modeling Tools:** JucmNav, UML, URN

EDUCATION

Bachelor of Software Engineering, Minor in Technological Entrepreneurship   2016 – 2020 (exp.)

- *McGill University, Montreal, Qc*

Diploma of Collegial Studies (DEC), Pure & Applied Sciences   2013 – 2015

- *Dawson College, Westmount, Qc*
- Dean's Honor List (2014, 2015)

LANGUAGES

- English (fluent)
- French (fluent)
- Greek (fluent)

WORK EXPERIECE

Customer Service – Patisserie de Nancy, Montreal   May 2018 - present

- Welcome and serve customers: answer questions, make coffee, sandwiches and salads
- Manage transactions
- Maintain the store: organize and clean

Life Guard and Swimming Instructor – Champions Day Camp, Montreal   June-Aug 2014-2017

- Setup pool
- Teach and evaluate children (ages 3-14) on swimming capability, report cards

Life Guard and Swimming Instructor – Centre Sportif Notre-Dame-de-Grâce   Sept-Dec 2015

- Setup equipment required, clean pool after lessons
- Teach and evaluate children (ages 6 months to 15 yrs) on swimming capability, report cards

Pool Life Guard– Condominium 5140 / 5150 Av Macdonald, Montreal   June-Aug 2014

- Lifeguard duties for residents (several older residents)
- Clean up and maintenance of pool

Customer Service – Beaver Tails / Moozoo, La Ronde, Montreal   May-June 2014

- Open the store for the day, welcome customers, manage transactions
- Maintain the store: clean, organize, remove clutter

Humanitarian Trip: Bliss, Tacloban, Philippines   Feb–Mar 2013

- Volunteered for Amnesty International Fundraising activities; raising over 1200$
- Painted and helped build various structures in and near the Bliss community
- Bought ingredients and prepared meals for impoverished children
- Interacted with the members of the Bliss community to teach them English and about Canada

PROJECT EXPERIENCE – *McGill University*   2017-18

System Design – Introduction to Software Engineering: design and implement a Web & Android Application Evaluating Tree Importance in an Urban Environment.

- Design a system which manages a tree plantation, evaluates sustainability benefits of trees and the consequences of development projects in an urban environment
- Implement backend (RESTful services, Spring Boot Application, Persistence), as well as Web and Android frontend

Project Manager – Design Principles and Methods: successfully built and demonstrated a self navigating robot that went through a series of obstacles, which it recognized, in order to capture the "flag". It was based on Mindstorms, using Java and a variety of sensors as attachments.

- Managed the project, resource allocation, task timeliness, and task allocation
- Ensured a positive and creative environment for the team and managed conflicts as they arose
- Provided the necessary documentation on the design and the project progress

Game Designer (software) – Model Based Programming: member of a team that designed both the User Interface and the logic for a PC based multiplayer game called Tile-O

- Tile-O game logic design using state machines (in Java)
- User Interface design for the Tile-O game using Java

Game Designer (hardware) – Digital Logic: the well-known game Space Invaders game was broken into components and distributed among team members.

- Designed and implemented the state machine (VDHL)
- Designed and implemented the memory unit using sprites (VDHL)

PERSONAL PROJECTS   2018

Arduino – Mechanical Arm: designed and built mechanical arm that can lift objects, using an Arduino Nano, using Ultrasonic and Light sensor, as well as various Servo Motors.

ACTIVITIES & INTERESTS

- Photography, photo manipulation, photo editing
- Travel, camping/canoe camping, cycling, swimming
- Cooking, baking, sewing