Luc Paquin – Curriculum Vitae - 2023

Languages Spoken and Written: English, French and Spanish.

Citizenship: Canadian

Education

PERIOD	SCHOOL	DIPLOMA
1983-Now	Various – Continuing Education	Numerous Certifications
1979-1983	McGill University	D.D.S. (Doctor of Dental Surgery)
1976-1979	McGill University	B.Sc. (Biology, Electronic)
1974-1976	Collège Marie-Victorin	D.E.C. (Health Sciences)
1972-1974	Polyvalente Antoine De St-Exupéry	Secondary IV-V
1968-1972	Collège Roussin	Secondary I-III
1962-1968	Primary Pie XII	Primary

Technology Experience

Experience Summary

- 59 years - cooking, food and drink
- 55 years - photography and darkroom
- 49 years - computer programming
- 41 years - system analysis, software design and analysis
- 38 years - computer-aided graphics, and animation
- 38 years - computers systems repairs
- 36 years - database management
- 36 years - microcontroller programming and robotics
- 36 years - technology project management
- 36 years - computer network design and integration
- 33 years - 3D real-time animation
- 33 years - computer hardware integration
- 33 years - electronic hardware design
- 33 years - POS and ticketing software design and integration
- 33 years - teaching computer including robotics related courses
- 33 years - real time decision support software design and integration
- 32 years - kiosk hardware and software design and integration
- 28 years - web design and programming
- 27 years - mobile programming

Type of Work Performed

- IT Projects Management
- Systems Analysis
- IT and Technology R & D
- IT Consulting
- Microcontroller programming (PIC, Atmel, TI, Galil, Cortex, Arduino, Raspberry Pi, Espressif, etc…)
- IoT

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- Machine Learning
- Robotic and I/O hardware integration and development
- Unmanned Vehicles (Terrestrial, Marine and UAVs)
- Photography, graphics, animation, multimedia content creation, and video editing
- Electronic hardware design and integration
- Motion control systems integration and development
- Barcode, magnetic card, Smartcard, RFID systems development
- Biometric systems integration and development
- Startup CTO
- Software design and analysis
- Software development, documentation, debugging, and installations
- Windows API programming - 16, 32 and 64 bit
- ActiveX controls and DLL development
- Desktop Apps (Windows, OSX, Linux, Multi-OS, Multi-Tier, Etc…)
- Mobile Apps (Android, iOS, Windows CE, Windows Mobile, PalmOS, Blackberry, Symbian, Etc…)
- Web Apps (LAMP(Linux-Apache-PHP-MySQL), Scripting, Java, ASP, ASP.NET, Web 2, CMS, Wakanda, Etc…)
- GUI and touch screen interface design
- Point Of Profit, Point Of Sales, and ticketing system analysis, design, and development
- Decision Support System analysis, design, and development
- Kiosk design and integration
- Multimedia Point Of Information, Point Of Profit, Point Of Sales, and ticketing kiosks
- Point Of Sales hardware integration
- Custom hardware interfaces
- Client fidelity programs development
- Interactive installation and exhibits
- Hardware design and integration with software
- Multimedia courseware creation
- Technical writing and product reviews

Instructor

- PIC Microcontrollers
- Arduino
- Raspberry Pi
- Espressif
- Robotics
- DOS, Windows, OSX, Linux, iOS, Android, Multi-OS
- Linux-Apache-PHP-MySQL
- Food and Drink

Personal Interests

Cooking, wine, winemaking, writing science-fiction and fantasy novels, competitive shooting, cycling, skimming , swimming, gunsmithing, badminton, metal and woodworking, electronics, sculpture, painting, reading, guitar building, music and photography.

1967-1976 - Archery (Olympic)
1973-2003 - Archery instructor
1983-2003 - Gunsmith
1983-2003 - Gun instructor (NRA, IPSC, USPSA, etc...)

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