Pierre-Emmanuel Lévesque

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pelevesque.com   github.com/pelevesque   npmjs.com/~pelevesque

Summary

Highly motivated and creative developer with over 15 years' experience. Dedicated professional with a love of learning and a deep passion for problem solving. Currently focusing on JS/Node.js.

Skills

Coding   JS/Node.js, Adonis, PHP, Laravel, HTML, CSS, MySQL, MongoDB, Max, Arduino
Tools   Git, Atom, Photoshop, Illustrator, Gimp, Inkscape
Languages French, English, Indonesian

Projects

Creator of the Orfeo Programming Language (orfeo.org)

For the past 8 months, I have been designing and implementing a high-level computer language for music called Orfeo. The implementation is in Node.js and consists of a compiler, a CLI app, a syntax highlighter for the Atom editor, and a sound engine using the Web Audio API.

Monkey Jump

Monkey Jump is a yet to be released web app for solving tsumego (go problems). It is being built using a large collection of custom Node.js modules and deployed with the Adonis.js framework.

Interlocking Rhythms

Interlocking Rhythms is an Arduino based sound installation using woodblocks actuated by electromagnetic solenoids. The work was presented at AxeNéo7 in Gatineau and is currently being updated with a new PCB board and software controlled by the Orfeo computer language.

Work

Freelance Web Developer	Building Websites and Web Apps	2004 - 2020
concertsvoxpopuli.com	Website Creation, Maintenance, and Graphics	2017 - 2019
internetgoschool.com	Front End Enhancements and SQL	2017
maisonbourdon.com	Website Creation, Design, and Product Photos	2016

International Talks

Orfeo: A Programming Language for Music	Universität Mozarteum Salzburg	2020

Education

Bachelor of Music - Classical Guitar Performance	Université de Montréal	1998
Master of Music - Composition	Université de Montréal	2001