Guillaume BOUTIN

Web developer

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TECHNICAL SKILLS

Back-end

Javascript, Nodejs, Expressjs, MySQL, MongoDb

Front-end

Html, Css, Jquery, Sass, Foundation, Bootstrap

Development tools

Linux, Git/Github, Grunt

Others

LaTeX, Matlab, Solidworkds, LtSpice, DipTrace, Inkscape

EDUCATION

Web development full-time bootcamp

DecodeMTL (sep 2015 - oct 2015)

Intensive 8 weeks web development bootcamp where we are thaught all the basics of back-end/front-end development, as well as some useful developing tools. More informations about the curiculum can be found [here (http://www.decodemtl.com/web-development-full-time/)](http://www.decodemtl.com/web-development-full-time/).

Physics Engineering Bachelor's Degree

Université Laval 2013

Physics Bachelor's Degree

Université-du-Québec-à-Trois-Rivières 2010

WORK EXPERIENCE

Optical Engineer

Osela, Lachine (2014)

- Experimenting and optimising the antilayer coating for laser lens.
- Calibrating measurments instruments on the production floor.
- Wrote a Matlab program for calculating Hamming Lengths for random patterns for diffractive gratings.

Student Final Project

Université Laval, Ste-Foy (2013)

Draw with solidworks a stabilizing system for a high power laser used for scanning and engraving.

Summer Internship

Centre d'Optique Photonique et Laser, Ste-Foy (2012)

- Develop a recipe method to make optical fibres coupler for two defined wavelengths in the visible Spectrum.
- Write a program in Matlab for simulating the coupling of the wavelengths.

Private tutor

Service Privé d'Aide aux Études (2013 - present)

Private tutor aiding at home students with issues in some subjects. Aided students with

- Secondary 4 Mathematics
- CEGEP Calculus

ACTIVITIES AND HOBBIES

DIY Amateur Electronician

Home making of guitar effects pedals

- Designing and simulating circuits with LtSpice
- Draw printed circuit board layout with DipTrace
- Etch the printed circuit boards and solder components
- Draw decorative stickers with Inkscape

Guitar

Self teaching to play the guitar since 2008.