THOMAS JOEISSEINT – BACKEND DEVELOPER

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Passionate about computer science, I enjoy using engineering best practices to help companies build robust, scalable and easy to maintain solutions. Looking for a great team where everyone's experience benefits to the project and the other teammates, making us all grow, while delivering the best possible product. Proficient in web development, I also have a strong interest in data science and machine learning.

EXPERIENCE

JUNE 2015 – PRESENT

BACKEND DEVELOPER, NURUN MONTREAL

Development of REST APIs and commercial websites. Led backend development for 2 of the company's biggest projects for an international client. Close collaboration with the client team (tech + project management). Created CI/CD pipelines. Defined and set up automated tests. Ensured scalability.
Spring Boot, Vagrant, Ansible, Docker, SQL Server, CraftCMS.

JANUARY 2015 – APRIL 2015

SOFTWARE ENGINEER INTERN, LITIV LABORATORY, POLYTECHNIQUE MONTREAL

C++ implementation of Matlab interface for the LITIV lab evaluation framework, in order to test and benchmark C++ and Matlab tracking algorithms. Gather benchmark results, that were used to publish a research paper.

JUNE 2014 – SEPTEMBER 2015

SOFTWARE ENGINEER INTERN, MIAMI UNIVERSITY

Research on Immersive environments using VR headset. Conception and implementation of C++ multi-user redirecting algorithms. Developed playback module to easily test recorded paths, and a data logger to measure and analyze performance of the Redirect Walking algorithms.

SEPTEMBER 2013 – APRIL 2014

RESEARCH ON AUTOMATIC DETECTION OF ADULT CONTENT IN WEB IMAGES, ARS NOVA SYSTEM

Development of C++ image processing algorithms to build metrics feeding a supervised machine learning algorithm, in order to classify websites images.

EDUCATION

2010 – 2015

B.S. & MASTER IN COMPUTER SCIENCE ENGINEERING, POLYTECH NANTES

- Database modeling, data structure
- Project management, planning and Accountability
- Manager of the school's cafeteria
- A.I. and data science
- System and software engineering

SKILLS

PROGRAMMING	Java 8 - Python 3 - PHP - C++ - SQL - Bash/Shell
WEB FRAMEWORKS	Spring Boot - JBoss Server - Bottle - CraftCMS - Drupal - Apache Sling - Laravel
DEVOPS	Ansible - Vagrant - Docker - Jenkins - Groovy - MySQL - SQL Server - Git - UNIX

ACTIVITIES & INTERESTS

SPORTS AND HOBBIES	Regularly practice martial arts and combat sports. Beer Brewer.
CULTURE	Lived in the USA, Ireland, France and Canada. Travelled a few months in Asia.
LANGUAGES	French (native) - English (Fluent)