THOMAS JOEISSEINT – BACKEND DEVELOPER

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Team player looking for new challenges to solve. Quick learner, I enjoy working with cutting edge technologies, using engineering best practices to ensure the viability, robustness and scalability of my work.

EXPERIENCE

JUNE 2015 – PRESENT
FULLSTACK DEVELOPER, NURUN MONTREAL

Backend development of large scale websites and REST APIs. Heavily relying on best practices: agile methodology, unit testing, continuous integration and design pattern.
Backend intern prior graduation: Website development with Laravel, database modeling, Vagrant environment configuration. Development of a Java automation testing tool for mobile devices.

JANUARY 2015 – APRIL 2015
SOFTWARE ENGINEER INTERN, LITIV LABORATORY, POLYTECHNIQUE MONTREAL

Autonomously development of Matlab interface for the lab's C++ evaluation framework, in order to test and benchmark C++ and Matlab tracking algorithms. Benchmark results 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 RDW algorithms.

SEPTEMBER 2013 – APRIL 2014
RESEARCH ON AUTOMATIC DETECTION OF ADULT CONTENT IN WEB IMAGES, ARS NOVA SYSTEM

Developed C++ image processing algorithms to build metrics feeding a supervised machine learning algorithm, in order to classify images. Created mathematical and statistical models for data analysis, and automate processes for easy integration. Close work with client, demo and sprint planning every month.

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	PHP - Java 8 - C++ - SQL - Javascript
WEB FRAMEWORKS	CraftCMS - Drupal - CakePhp - SpringBoot - Apache Sling - Laravel - Angular2
DEVOPS	UNIX - Ansible - Vagrant - Docker - Jenkins - MySql - Git

ACTIVITIES & INTERESTS

SPORTS AND HOBBIES	Regularly practice martial arts and combat sports (Jiu-jitsu, wrestling and boxing).
CULTURE	Lived in the USA, Ireland, France and Canada. Backpacked alone in South-East Asia.
LANGUAGES	French (native) - English (Fluent)