

# François RICHARD

## Software Engineering

### ÉTS Montréal



Montréal, QC, Canada



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French, functional English



/in/francois-richard



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#### Web/software development

HTML CSS JavaScript  
TypeScript PHP Laravel  
Symfony C# C++ Java  
ASP.NET Ajax REST API

#### Database management

SQL/PLSQL Oracle PgSQL  
MySQL PowerAMC

#### Project management

UML Git(Hub) SCRUM  
Processus Unifié Gantt  
Kanban AzureDevOps  
Microsoft Project Jira

#### INTRODUCTION

What interests me the most about IT is the opportunity to design and implement creative solutions that make the user experience as intuitive and enjoyable as possible for the largest audience.

I can be part of a team and get involved in all phases of application design and development.

#### EDUCATION

##### Present Bachelor of Software Engineering

École de Technologie Supérieure (ÉTS) - Montréal, QC, Canada  
Since Autumn 2019

##### 2020 University Diploma of International Technological Studies & Bachelor's degree in Science and Technology, IT specialization

Savoy Mont Blanc University - IUT Annecy, France  
1 year bilateral exchange at ÉTS with double-diploma

##### 2019 University Diploma in Technology

Savoy Mont Blanc University - IUT Annecy, France  
2 years - IT Specialty

#### PROFESSIONAL EXPERIENCES

##### 2021 Analyst-Programmer (internship S2)

4 mths *Centris - Montréal, QC, Canada*

- Integrate the OpenID Connect authentication protocol into the enterprise application suite.
- Integration of Azure App Configuration and Application Insights to simplify configuration and monitoring.
- Modification of a web page with DB management processing to improve and complete the user experience.
- Development in agile mode using SCRUM and Kanban model (Jira)

##### 2020 Analyst-Programmer (internship S1)

4 mths *Centris - Montréal, QC, Canada*

- Integrate the OpenID Connect authentication protocol into the enterprise application suite.
- Develop the middleware allowing the communication between solutions and the database.
- Configure the security headers of the web pages of all all of the company's applications.
- Development in agile mode using SCRUM and Kanban model (Jira)

##### 2019 Front and back web developer (internship)

3 mths *ilem Group - Geneva, Switzerland*

- Synchronize and format data to automate the management of the company's job offers.
- Develop interfaces and integrate WordPress page masks for the website from mock-ups.
- Migrate servers hosting the websites.

STUDY PROJECTS -----

Since 10/2020	<b>Development of a WebTV platform</b> <i>Nocticrew – nocticrew.fr</i> <ul style="list-style-type: none"><li>• WebTV gathering several streamers of the Twitch platform.</li><li>• Implementation of giveaway and squad stream processes.</li><li>• Development of the website with the use of APIs.</li><li>• Version management via the GitLab tool.</li><li>• Support for display on all media.</li></ul>
2018-19 10 mths	<b>Design of a web interface for data annotation</b> <i>LISTIC research laboratory – Annecy, France</i> <ul style="list-style-type: none"><li>• Design a web interface with the Laravel Framework.</li><li>• Write specifications and follow up regularly.</li><li>• Manage a database including user data.</li></ul>

SCHOLARSHIPS & ENGAGEMENTS -----

Present	<b>Regional International Student Mobility Grant</b> Grant from the Auvergne-Rhône-Alpes region in France awarded to students carrying out an international mobility.
August 2019	<b>Regional International Student Mobility Grant</b> Grant from the Auvergne-Rhône-Alpes region in France awarded to students carrying out an international mobility.
March 2018-19	<b>Volunteer for the open days of IUT Annecy</b> <ul style="list-style-type: none"><li>• Participation in the open days of the IUT of Annecy as a student of the IT department.</li><li>• Welcoming visitors and presenting the program.</li></ul>

REFERENCES -----

Maxime LEBŒUF	Programmers-Analysts at Centris, Canada
Jérémie THIBAUT	Direct superiors <i>maxime.leboeuf@centris.ca</i> <i>jeremie.thibault@centris.ca</i>
Stéphanie BOUCHON	International coordinator of the IT department for IUT Annecy, France English Communication Teacher <i>stephanie.bouchon@univ-smb.fr</i>

POINTS OF INTEREST -----

High tech	Blockchain, Boston Dynamics, Tesla
Aerospace	SpaceX, ESA, NASA, Blue Origin
Cinematography	Spielberg, Tarantino, Lucas
Competitive games	OW, Rocket League

Useful little extras

Photoshop      suite Office  
RGPD      WireframeSketcher  
Comptabilité      Illustrator  
Communication  
Droit informatique

Technical skills

Write project specifications  
  
Develop interfaces and web pages in front and back for all media  
  
Integrate web models  
  
Operate a database  
  
Participate in a team project in agile mode  
  
Produce reports/docs

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