



Mathieu Neron

Software Engineer

Summary

Software engineer with over seven years of accumulated professional/internship experience. Versatile, bilingual professional with experience from projects in the aerospace, gaming, consulting, e-signature and finance industry.

Experience

2016–Now **Paysafe** Montréal, Canada

Java Developer (Angular 2+, Typescript, Java 7/8, Spring, Oracle)

- **Trailblazed** on a new frontend project in Angular 2+ for the new Merchant Portal application.
- **Invigorated** the Netbanx codebase by fixing bugs, adding unit tests, removing errors/warnings and implementing new features.
- **Slashed** execution time of frontend tests by a factor of six by switching from PhantomJs to the Nightmare browser automation library.
- **Supported** colleagues throughout the organization by presenting demos of new features, reviewing pull requests, etc.

2014–2016 **eSignLive by Vasco** Montréal, Canada

Java Developer (Java 7/8, Guava, Spring, AWS, MySQL)

- **Implemented and took ownership** of features requested by the product manager that were integrated in the eSignLive core application, processing over a billion documents/signatures each year.
- **Fixed** bugs in the backend codebase. Added API tests, increased code coverage by over 85% on classes with unit tests and applied the campfire rule when possible to insure quality and maintainability.
- **Reduced** downtime of the Windows document converter by 50%.
- **Integrated** technologies: Equifax, Twilio, PDFBox, Google Noto Fonts.
- **Supported** other team members by reducing their time spent investigating for a solution by providing my support and insight whenever needed. Also showcased the backend architecture to multiple new hires.

2012–2014 **Avanade** Montréal, Canada

Application Developer: Consulted on the following contracts:

- *CN (C#/.NET, Sitecore)*
 - **Redesigned** the www.cn.ca website with other Avanade developers using Sitecore and C#/.NET.
 - **Completed** the design and implementation of a functional main menu under the allocated deadline. Other features developed included web services and sublayouts.
 - **Supported** the site once the development phase had concluded by fixing issues and participating in the release cycle.
- *Hydro-Québec (Javascript, SAPUI5, Infragistics)*
 - **Programmed** an internal web-based time spreadsheet application used by Hydro-Quebec planners on their projects.
 - **Evaluated and chose** the technology used for the frontend, which ended up being a mix of SAPUI5 for the shell and Infragistics.
 - **Cooperated** with Accenture consultants gathering requirements, in addition with ABAP developers coding the backend.

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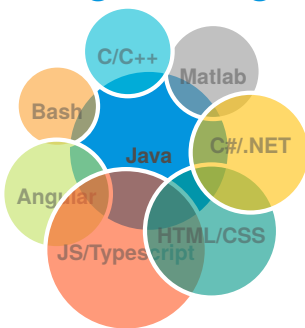
Mail

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Web & Git

Linkedin profile
Github account

Programming



Personal Skills



OS Preference

GNU/Linux ★★★★★

MacOS ★★★★★

Windows ★★★★★

Places Lived



Languages

French ★★★★★

English ★★★★★

Internship Experience

2011

Electronic Arts Canada

[Burnaby, Canada](#)

Software Engineer Intern (C#/.NET, C++)

- **Implemented** a distributed system in C++/C# managing thousands of simultaneous automated online bots to test the load on SSX snowboard game's server, in collaboration with the Online/UI team.
- **Designed and assembled** a telemetry lookup system in ASP.NET using heat map data to illustrate the activity of players.
- **Showcased** the online bot tool to fellow interns, which was used afterwards to help present the multiplayer component of the game at Gamescom in Germany.

2010

Autodesk

[Montréal, Canada](#)

Software Engineer Intern (C++, Qt, Python)

- **Developed** an animation plug-in inside the Maya software using C++ and Qt with 4 other members of the Games team.
- **Wrote and tested** mathematical functions in Python for a bloc programming tool used by designers/artists for animation blending, applying what I learned during the internship.

2009

Ubisoft

[Québec, Canada](#)

QA Developer Intern (C#/.NET)

- **Developed/expanded** C# tools which were used by the dev teams of the studio to improve performance/conviviality.
- **Maintained and provided** support for the tool suite developed by correcting any bug that would arise.

2008

Lockheed Martin

[Montréal, Canada](#)

Software Evaluator Intern

- **Evaluated** a simulation software and insured its quality by writing automated test in Javascript with the TestComplete IDE in addition to writing procedure documentation.
- **Presented** the product in Halifax to clients and helped them understand its inner workings by providing a crash course as well.

Education

2007–2011

Bachelor of Computer Engineering

[Université de Sherbrooke](#)

Specialization in Software Engineering & Artificial Intelligence

Certifications & Conferences

- Sharepoint 2010 Boot Camp
- Consulting Excellence Foundations (April 2013)
- 70-480: Programming in HTML5 with JavaScript and CSS3
- 70-486: Developing ASP.NET MVC 4 Web Applications
- 70-515: Web Applications Development with Microsoft .NET Framework 4
- Codility Certification: <https://codility.com/cert/view/cert6AG9RU-X7CHVB5QVHFTSAZ4/>
- Angular 2 Professional Certification (December 2016)
- QCon New York 2018 Conference

Interests

Professional: cryptocurrency (did development for the following blockchain startup: Proxii Solutions), functional programming, machine learning & data science, software architecture, algorithms, design patterns, agile methodologies.

Personal: saxophone, reading, cooking, skiing, running, biking, hiking, traveling

March 26th, 2018

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