Jérémy Lalonde

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Autonomous, passionate and eager to learn!

EDUCATION

École de technologie supérieure — Fall 2018 – Present
Bachelor of Software Engineering — *GPA 3.92/4.3*
Technological academic path - Computer science profile — *GPA 4.03/4.3*

Université de Montréal — Fall 2017 – Summer 2018
Bachelor of Physics (1 year) — *GPA 3.38/4.3*

Collège de Valleyfield — Fall 2015 – Summer 2017
Natural sciences — *Cote R 31.192*

PROFESSIONAL EXPERIENCE

Analogic Corporation — Fall 2020 - Winter 2021
System Test Developer (Intership) — *4950 rue Levy, Saint-Laurent, QC H4R 2P1*
- Designed and developped a test tool for the synchronization of X-ray detectors in Python
- Created and used a test process for the verification and validation of the test tool with Jira and Zephyr
- Released and integrated the test tool into a CI/CD process with Bamboo
- Implemented a function in the detector's API in C++ for the management and recovery of raw images

École de technologie supérieure — Fall 2019 – Present
Teacher Assistant — *1100 rue Notre-Dame Ouest, Montréal, QC H3C 1K3*
- Provide help for students in their learning of binary and the programming basics in C
- Support students in their learning of object-oriented programming in Java
- Assist students during periods of practical work for the realization of their team projects

RE-AK Technologies — Winter 2020 - Summer 2020
C# Developer (Unity) — *400 rue Montfort, Montréal, QC H3C 4A8*
- Converted a cognitive state data collection application to a tablet format with Unity
- Scaled the data collection application to allow connection and control to multiple EEG sensors simultaneously

Décathlon Canada — Summer 2019 - Summer 2020
Back-End E-Commerce Developer — *2151 Boulevard Lapinière, Brossard, QC J4W 2T5*
- Created Prestashop modules for various projects
- Implemented features with Prestashop in PHP

Full-Stack E-Commerce Developer (Intership)
- Created Prestashop modules allowing the integration of cross-selling via calls to Heroku APIs
- Worked on the total overhaul of the UI/UX in JavaScript, Smarty and Sass

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Swift, C#, SQL, PHP, JavaScript, HTML/CSS, LaTeX
Frameworks: Java Swing, JUnit, Node.js, Prestashop
Development tools: Git, Jira, Confluence, Bamboo, Docker, VS Code, Xcode, Visual Studio, IntelliJ, Eclipse
Methodology: Agile, Scrum
OS: UNIX (MacOS / Linux), Windows

PERSONAL PROJECTS

Brosse | *Swift* — Spring 2020 – Present
- Designed and developed an iOS application for evening games with friends in Swift
- Collaborated on the creation of models on Figma
- Incorporated data collection with Google Analytics
- Deployed a public beta with Testflight

HOBBIES

Sports: Skydiving ("A" license), competitive hockey since the age of 5, golf, snowboarding, hiking
Travel: One-month cultural immersion trips to Ecuador, three-week backpacking trip to Peru