
Summary

Langs./Data/DB **High:** Python, JS, Go, C#, Java, JSON, Postgres; **Medium:** PHP, COBOL; **Low:** Bash/Perl, C++

Education

- 2024-(05/27) **Ph.D. in Computer Science**, *University of Quebec - ÉTS (Prof. Aris Leivadeas)*, Montreal - QC
- (done) 2022-2024 **Master in IT (M.Eng.)**, *University of Quebec - ÉTS (Prof. Aris Leivadeas)*, Montreal - QC
- (done) 2019-2022 **Bachelor of Science in Computer Science (B.Sc.)**, *University of Montreal*, Montreal - QC
- (done) 2016-2019 **Cegep diploma in Computer Science**, *Maisonneuve College*, Montreal - QC, [Technic 3 years]

Research Experience

- July 24 - Present **Doctoral Researcher**, *University of Quebec - ÉTS (Prof. Aris Leivadeas)*, Montreal - QC
- June 23 - July 24 **Research Assistant**, *University of Quebec - ÉTS (Prof. Aris Leivadeas)*, Montreal - QC
[1 y. 1 mth.]
 - Working mainly on proactive Quality Assurance subjects with the help of Machine Learning (i.e. IBN, etc.).
 - Obtained “Excellent” (best grade) on report, and article accepted [1] in a conf. category with an acceptance rate of only 11.9% by doing most research steps: writings, literature rev., figures, experiments, coding, etc.

Publications

- In progress - [4] **2025, S. Lévesque, X. Zheng, J. Violos, A. Leivadeas**, “TBD”, TBD
First author
Journal Publi.
Large research related to Time-series and Machine Learning techniques for Cloud Metrics (VMs)
- Accepted - [3] **2025, F. Yang, A. Moevus, S. Lévesque**, “Emotion Detection on User Front-Facing App Interfaces for Enhanced Schedule
Prin. Investig. (PI) Optimization: A Machine Learning Approach”, The Sixteenth International Conference on Information, Intelligence,
Conference Paper Systems and Applications (IEEE IISA 2025)
- Accepted - [2] **2025, S. Lévesque, X. Zheng, J. Violos, A. Leivadeas**, “Network Assurance in Intent Based Data Center Networking: A
First author Domain Shift Approach”, 16th International Conference on Network of the Future (IEEE NoF 2025)
Conference Paper
- Published - [1] **2024, S. Lévesque, X. Zheng, J. Violos, A. Leivadeas, M. Falkner**, “An Incremental Learning Assurance Approach for
First author Intent Based Networking enabled Data Centers”, The Fifteenth International Conference on Information, Intelligence,
Conference Paper Systems and Applications (IEEE IISA 2024)

Teaching Experience

- Aug 23 - Present **Teaching Professor - Comp. Sci.**, *Ahuntsic College*, Montreal - QC, Full-charge (tenure track)
 - Co-founder Fintech AEC program (WIP), offering a special formation tailored for the financial sector.
 - Subjects: ML, Web, Office 365 (Excel, Word, PP), Programming, Tech. Project Mgmt., Databases, etc.
- Jan 23 - Present **Lecturer - Multimedia (Web)**, *Maisonneuve College*, Montreal - QC, Contractual
- Aug 23 - Dec 23 **Teacher Assistant (TA)**, *University of Montreal & Quebec - ÉTS*, Montreal - QC, Contractual
- Sep 19 - Jan 22 **Leading labs** and graded assignments/exams copies of 100-200 students per session trough up to 15 different
[2 y. 9 m. total] courses total by leveraging automated grading, reducing grading time by 75% of normal manual labor.
- Sep 17 - May 18 **Tutor**, *Maisonneuve College*, Montreal - QC, Contractual
[9 mths]
 - Assisted students and successfully answering 95% of questions by being up-to-date and knowledgeable.

Professional Experience

- July 23 - Present **Co-founder, CEO, CSO and CTO**, *Syvra Inc. (<https://syvra.tech>)*, Montreal - QC
- June 22 - July 23 **Software Developer (Consultant)**, *Alithya*, Montreal - QC, Full-time - Permanent
[1 yr 1 mth]
 - Understood client’s legacy infrastructure and insurance financial programs in COBOL aged from 1987.
 - Designed a “multi-batch” cluster with bi-direction data communications to reduce COBOL mainframe LOC by 90% on new Golang codebase and reduce time complexity to $O(n)$ instead of $O(n^2)$ in practice.
- May 20 - Aug 20 **Full Stack Web Developer**, *University of Montreal*, Montreal - QC, Contractual
[4 mths]
 - Deployed 2 important features to production before key presentations with stakeholders (faculty and profs) by maximizing/overclocking work efforts on high impacts deadlines with high visibility for the leadership/team.
- Dec 16 - Sep 19 **Clerk**, *Alimentation Poivre et Sel*, Montreal - QC, Full/Part-time
[2 yrs 10 mths]
 - Did day/night shifts and called 0 times sick by aligning with the employer’s needs and my course schedule.
- Mar 19 - May 19 **Full Stack Web Developer**, *Cookit*, Montreal - QC, Full-time - Internship
[3 mths]
 - Pushed 3 features to production (end users) as an intern by showing trust and meeting deadlines 20% early.