Jordan Lau

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Education

University of Ottawa   September 2021 - December 2025
Bachelor of Science in Computer Science and Minor in Linguistics.
- CGPA of 9.65 (10-point scale).
- Canadian Hearing Services National Scholarship Winner ($4000/2 years).

Work Experience

Government of Canada, National Defence   Fall 2023
Student Software Developer
- Researched antivirus software to develop analytics for the Government of Canada's Threat Surface dashboard.
- Implemented these analytics in **Python** scripts and stored data in a **MongoDB** database.
- Tracked tickets using **Jira** kanban board and participated in code review for pull requests on **GitLab**.

University of Ottawa, Engineering Outreach   Summer 2023
Bilingual Instructor
- Instructed STEM camps for children and was responsible for their wellbeing and learning.

Teenage Tutors and freelance   Fall 2019 - Present
Math, Programming, French and English Tutor
- Develops questions and explains concepts to help students of all ages.

Skills

- Programming Languages: **Java**, **Python**, **JavaScript** (and JQuery), **Go**, **Scheme, C, R.**
- Technologies: **SQL**, **HTML, CSS,** Machine Learning with **TensorFlow**, **VSCode**, **GitHub**.
- B2 proficiency in **French** (CEFR scale).

Projects

Personal Website   Winter 2024
- Written with **HTML**, **Bootstrap, JavaScript** and **JQuery**. Hosted with **GitHub Pages**.

Meme Machine   Winter 2024
- uOttaHack submission implementing a supervised learning algorithm with **Keras** (on **TensorFlow**) in **Python**.
- Users can input images of "memes" and the model will predict the month and year it was created based on the image. UI done with **Tkinter** and **Python thread library**.

University Course Selection Android App   Summer 2022
- Team project implementing a course viewing and selection service for students and instructors.
- Designed with **Java** in **Android Studio**.
- Includes **SQLite** database and **JUnit** tests.