SAJAD WAZIN

English, French, Farsi, Spanish

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EDUCATION

B.Sc in Honours Computer Science, McGill University — August 2020 - April 2023

GPA: 3.73 with First Class Honours

SKILLS

Languages	Java, Python, C, C++, C#, HTML, CSS, PHP, JavaScript, OCaml, Bash
Tools & Frameworks	Spring, MongoDB, DB2, PostgreSQL, JDBC, MySQL, Pandas, Numpy, Selenium PyTorch, TensorFlow, OpenGL, Git, Atlassian, Gradle, Maven, Docker, JUnit
Specializations	Software Architecture, Aritfical Intelligence, Machine Learning, Databases, REST, OOP, Unit Testing, Data Analysis, Algorithms, NLP, Operating Systems, DevOps

WORK EXPERIENCE

GemPixel Software Developer — August 2022 - January 2023

- Wrote and designed software to handle payments from different payment gateways in PHP using HTML/CSS and JQuery as a frontend
- Implemented payment systems using REST APIs from PayPal, Stripe, Clover, WayForPay, Mercado Pago
- Developed and deployed custom plugins in a SaaS business model
- Worked on a Machine Learning model with PyTorch to detect spam links

McGill University Research Developer — May 2022 - August 2022

- Lead a research project based around studying algorithms, mainly focusing on artificial intelligence
- Wrote software using Java and Selenium to gather and process data for the research
- Applied multiple software architecture and OOP principles to create scalable software
- Participated in weekly meetings with teams working on different projects

PROJECTS

Research Project Git, Java, JavaFX, Maven, Selenium, Python, NLP — GitHub

- Used the Selenium API to automate browser interaction with Facebook
- Designed and implemented search algorithms to analyze public data on Facebook
- Data processing using Natural Language Processing for research
- Designed a GUI with JavaFX to make the tool easy to use
- Created a tree-based data structure to encode data in JSON format
- Wrote a 18 page scientific report on findings made using the software

Lost Bark C#, Unity

- Made a 2D game using the Unity Engine and C#
- Implemented multiple AIs for components in the game
- Designed a data structure to optimize code efficiency

MENTIONS

- Quebec Excellence Scholarship (2020)
- Champlain College Saint-Lambert Honours List (2019, 2020)
- SEBIQ Diploma & IB Certification (2018)