

# Ivan Seslija

## Software Developer

Victoria, BC

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I am Ivan Seslija, a detail-oriented Computer Science major from New Westminster, BC, with a passion for Artificial Intelligence.

Currently, I am enhancing my advanced proficiency in Javascript, Python, Java, and C/C++ through a Bachelor's Degree and several personal projects focused on Reinforcement Learning algorithms using Convolutional Neural Networks and Neural Networks.

My diverse experiences in logistics, IT, and warehousing roles have honed my adaptability, strong work ethic, and problem-solving skills, preparing me to contribute effectively to innovative software development endeavors.

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### Skills

- Machine Learning and AI Development: Experience in designing and implementing AI agents for game environments.
- Reinforcement Learning: Knowledge of utilizing frameworks like OpenAI Gym to train agents through iterative strategies.
- Web Development: Skilled in using JavaScript and HTML to develop interactive web-based applications and games.
- Simulation and Modeling: Experience in developing rule-based and agent-based simulations to model real-world phenomena.
- Data Analysis and Visualization: Ability to process, analyze, and visualize data in a meaningful way.

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### Experience

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#### Vitran Express / Warehouse Worker

May 2022 - August 2022, Surrey, BC

- Inspect products and report any quality issues to management
- Follow company and industry safety policies
- Gained experience with forklifts, shrink-wrap machines, bar codes, and shipping documents
- Compare products received against documentation, and report any discrepancies
- Maintained detailed documentation and developed professional reports

#### MXS On Site IT Services Inc. / IT Field Worker

January 2018 - December 2022, Vancouver, BC

- Installed and maintained computer hardware and software for clients in local area

- Troubleshoot and repaired hardware and software issues
- Configured and tested computer systems
- Demonstrated ability to work with minimal supervision
- Excellent customer service and communication skills

### **Speedy Bob Logistics Inc. / Assistant Safety Manager**

January 2015 - December 2015, Langey, BC

- Ensured driver safety and compliance, applying meticulous attention to regulatory standards at Speedy Bob Logistics.
- Monitored and verified the accuracy of drivers' logbooks, resolving discrepancies swiftly.
- Performed detailed driver abstract reviews, pinpointing and addressing potential concerns.
- Maintained organized and streamlined workspace, ensuring efficient and safe operations.
- Exhibited strong self-management, organizational, and detailed-oriented skills in a regulatory setting.

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## **Education**

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### **University of Victoria / Bachelor of Computer Science**

September 2016 - December 2023, Victoria, BC

My studies cover a wide array of topics with a particular focus on Artificial Intelligence. I've gained advanced proficiency in programming languages including Javascript, Python, Java, and C/C++, which I've applied to various personal projects to deepen my expertise in AI.

### **New Westminster Secondary School / High School Diploma**

September 2012 - June 2016, New Westminster, BC

At New Westminster Secondary School (NWSS), I was actively involved in the Programming Club and Library Club. Teachers trusted me enough to let me grade programming assignments, highlighting my coding skills and attention to detail.

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## **Languages**

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English / French / Spanish / Serbian / Macedonian

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## **Interests**

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I'm a tech enthusiast captivated by artificial intelligence and game development, always eager to solve complex problems in innovative ways. Parallel to my tech interests, I'm passionate about bouldering and trad climbing, pursuits that challenge both my physical and mental boundaries. These diverse interests enrich each other, offering a unique blend of focus, discipline, and risk-assessment skills that I apply across all my endeavors.

