



# Senior AI Programmer

## Toronto - Full-time - 744000101661432

### Apply Now:

<https://jobs.smartrecruiters.com/Ubisoft2/744000101661432-senior-ai-programmer?oga=true>

As a Senior AI Programmer at Ubi Toronto, you will own and drive the development of advanced AI systems, optimizing code for performance and stability. Collaborating closely with designers, animators, and other specialists, you'll ensure our AI delivers immersive, dynamic, and responsive in-game behaviors through tools like Behavior Trees (BTs) and sensory systems. As a self-driven technical leader, you'll also mentor junior programmers, helping them grow and excel.

### What you'll do

- Design, implement, and maintain complex AI systems.
- Optimize existing code for speed, memory usage, and reliability.
- Contribute to in-game behaviors, leveraging BTs and sensory systems for NPCs.
- Collaborate with design and animation teams to maintain coherence and high quality across features.
- Provide mentorship and guidance to junior team members.
- Troubleshoot and resolve AI-related bugs.
- Document systems, workflows, and tools to support team efficiency.

### What you bring to the team

- Significant experience (6+ years) in AI programming, ideally within the video game industry.
- Strong proficiency in C++ and code optimization techniques.
- Proven track record developing for video game consoles.
- Experience with Behavior Trees and sensory systems.
- Exceptional communication skills with cross-disciplinary teams.
- Ability to take initiative, lead technical efforts, and mentor others.
- Creativity, problem-solving skills, and a passion for innovation.

### What to send our way

- Your CV highlighting your education, experience, and notable projects shipped.
- (Optional) Links or files showcasing AI systems or technical tools you've developed.

### About us

Ubisoft is a global leader in gaming with teams across the world creating original and memorable experiences, from Assassin's Creed and Rainbow Six to Just Dance and beyond. We believe diverse perspectives help both players and teams thrive. If you're passionate about innovation and pushing

entertainment boundaries, join our journey and help create the unknown!

This posting is for an **existing vacancy** and is not intended to build a candidate pool for future opportunities.

The yearly base salary range for this full-time position is **\$110,000 to \$140,000 CAD**. Your actual base pay will be determined following the interview process, taking into account your experience, skills, scope of responsibilities, and qualifications to ensure fair compensation.

We also embrace a **hybrid work model** to keep you connected with your team while supporting work-life balance. Please note that some roles are fully office-based and may not be eligible for hybrid work.