R&D Programmer (La Forge)

Toronto - Full-time - 74399907914923

Apply Now: https://jobs.smartrecruiters.com/Ubisoft2/74399907914923-r-d-programmer-la-forge-?oga=true

On being an R&D Programmer at Ubisoft Toronto
As an R&D Programmer within UbiTO’s La Forge, your role will be twofold: you’ll transform proof-of-concept prototypes to production-ready technologies and simplify how people work together within your team.

Your technical expertise paired with your communication skills will be invaluable in all that you do. On the transformation side of your job, you’ll adapt prototypes to minimum viable products, easing the hands-off to game development teams across the company. On the simplification side, you’ll create and maintain prototyping tools, standardize processes, and share best practices to increase efficiency at La Forge.

Curious to see some of the things the La Forge team has worked on? Here are some great links to their presentations on motion matching, controlled face texture generation for video game characters, and deep reinforcement learning for navigation in AAA video games.

Type of Position: Permanent, full-time.

The daily life of an R&D Programmer at Ubisoft Toronto

- Improve prototypes to minimal viable products for game development teams.
- Design, code, and integrate machine-learning-based prototypes in game engines & internal middleware.
- Partner with product teams to release complete product packages that meet production quality criteria (robustness, documentation, completeness, and performance).
- Work closely with research scientists and production leads.
- Develop and maintain prototyping tools and infrastructure to facilitate collaboration between researchers.
- Provide support throughout prototype creation.
- Encourage standardization of frameworks, libraries, etc. among R&D teams + recommend and share best practices.

What You'll Bring

- An undergraduate degree in Computer Science, Software Engineering, an equivalent field, or equivalent professional experience
- At least 3 years of professional software development experience (a focus on machine learning or experience in a technical area relevant to games is a huge plus)
- Mastery of Python & proficiency in C++
• A highly collaborative and solution-oriented spirit
• Curiosity and critical thinking
• Excellent communication, interpersonal, and presentation skills
• Motivation to innovate in the video game industry & adapt to its (constantly evolving) rhythm

Nice to have

• Experience with deep learning frameworks (e.g. PyTorch or Tensor Flow), storage systems, distributed systems, high-performance computing, or CUDA programming
• Knowledge of Linux and Windows OS
• Familiarity with Maxscript or MEL
• Awareness of current academic research in a technical game-related area

What You’ll Get
We Offer:

• A hybrid, flexible work model
• Six weeks of vacation
• An enhanced parental leave program
• Comprehensive Total Rewards Package:
  ○ Disability Insurance
  ○ Dental Insurance
  ○ Extended medical insurance
  ○ (Optional) RRSP contribution
  ○ Relocation Assistance
  ○ Bonus (If Applicable)

Life at Ubisoft
At Ubisoft Toronto, we look for people who are excited to create the future of games in one of the most diverse cities in the world. We believe that embracing our individuality helps us build stronger creative teams and develop better games for all players.

When you’re a member of our team, your professional development is a priority. You’ll have opportunities to be challenged, learn and grow in your role. Pushing the boundaries of what’s possible within game development while working with Ubisoft’s most powerful technologies – from game engines to performance capture and more. Annual performance reviews and salary increases will help you further your career and grow with our studio. We also offer hybrid remote work options, six weeks of vacation for all employees, an enhanced parental leave program, a comprehensive health benefits package, generous RRSP matching, industry education support, training and career development.

We celebrate the big and small moments together - with virtual events, get togethers, giveaways and more. In addition to our “right to disconnect” philosophy, the studio offers a variety of health and wellness initiatives including yoga, an on-site gym, flexible work hours, and other programs to create a better, sustainable work environment for our teams.

We encourage you to read our Code of Conduct prior to applying. It is our collective responsibility at Ubisoft Toronto to maintain a respectful and inclusive work environment, and be the best possible place to work and grow. Knowing and respecting our Code of Conduct’s principles and guidelines is key to achieving that goal.
Join Us!

At Ubisoft Toronto, we believe diversity is our studio’s biggest strength. We’re committed to creating an inclusive workplace that reflects the diversity of our player community, is inclusive and respectful of the individuality of our team and embodies our core values – trust, integrity, excellence and care.

We encourage applications from First Nations, Métis and Inuit peoples, Indigenous peoples of North America, racialized persons, persons with disabilities, and those who identify as women and/or 2SLGBTQIA+.

If this sounds like your kind of studio, what are you waiting for?

Ubisoft Toronto is committed to providing accommodations for accessibility upon request.

We thank you for your interest, however, only those candidates selected for an interview will be contacted. No agencies please.