



JOB DESCRIPTION

Gameplay Engineer

The company:

Joy Business Academy is a growing and ambitious studio striving to push the boundaries of lifelong learning. We use modern digital tools, game design techniques and innovative technologies to re-envision what learning can represent in a global, diverse, post-industrial world.

We are calling out for an experienced, passionate, and well-rounded Gameplay Engineer to come work with our diverse team of programmers, artists, instructional designers, and game designers. As our next Gameplay Engineer you should have experience in quickly turning ideas into solutions and translating requirements into code. Ideally, we'd like someone to "hit the ground running", and you'll be supported by a team of experienced developers who can quickly bring you up to speed.

You'll be coming to a team with a strong sense of ownership and pride over their work, as well as one that is deeply attuned to creating positive social impact for a range of learning communities.

Sounds intriguing? Read up on what we're looking for, and let us know if you are the one.

Your responsibilities: Disrupting the status quo of Education

(a.k.a what you can expect to do on a day-to-day basis)

- Implement well-engineered, reliable, and maintainable code that works within our JBA game framework (built in Unity).
- Collaborate with team members, and external stakeholders, to develop various systems and gameplay functions.
- Communicate with other team members to determine requirements.
- Work in a cooperative, cross-disciplinary team environment that employs Agile Methodologies.
- Identify technical and development risks / obstacles and generate solutions to overcome identified risks.
- Collaborate with game & UX designers to ensure game designs and user interfaces are turned into fun and functional code.
- Work with project manager to break down high-level goals into tasks and timelines.

Your Profile - Ready to play

(a.k.a requirements to be successful in the role)

JBA creates a variety of games for training, self-reflection, skill-assessment, and simulated experience exposure. We pride ourselves on creating engaging ways to learn, reflect and improve that leverages the power of play to create strong and lasting positive outcomes.

Our next Gameplay Engineer should have:

- Strong ability to troubleshoot, diagnose and analyze gameplay systems



- Capable of delivering and leading the creation of well-documented, clean and managed code
- Personally self-motivated, dedicated, positive, helpful, capable of rapid learning and sharing knowledge with the team.
- Capable of gathering requirements, undergoing deep understanding, delivering prototypes and employing working solutions for complex requirements.
- Working effectively in a diverse team environment with tight deadlines and new challenges.
- Experience working on online and multiplayer services for synchronous and asynchronous games.
- Experience working with Unity as a game development tool.
- Understanding of the game development process, from inception to final delivery.
- Strong Git skills.

Major bonus points will be earned for experience in—or at least a strong interest in—virtual reality. Additional points for any blockchain development experience (but not required for this position).

Your Profile (a.k.a traits that would make you fit into our team seamlessly)

We're a team passionate about creating positive social impact through interactive experiences and games. As such, it's important to us that our staff share the same passion and are advocates for the company values that dictate the way we operate.

You'd be our ideal candidate, if you are...

- Driven and Self-motivated
- Collaborative-minded
- Optimistic
- Authentic
- Solution-minded
- Have a sense of social responsibility
- Supportive and team orientated

If this role sounds like your next opportunity, please send your resume, and an accompanying cover letter that includes:

Key relevant experience

Who you are and how you see yourself fitting into our team

If you have any questions or would like to get in touch, please contact Lauren Bardebes (careers@joybusinessacademy.com).

We are an equal opportunity employer and value having members that represent our global diversity. We strongly encourage any individual regardless of race, religion, colour, nationality, gender, sexual orientation, age, marital status, or disability status to apply for this role.

Applicants for this position should have NZ residency or a valid NZ work visa.