



GRADUATE - PROGRAMMING

LOCATION: Level 2, 44 Pirie Street, Adelaide, 5000

SALARY: \$50,000

JOB SUMMARY: To complete the general requirements of the Mighty Kingdom Graduate Program.

As a graduate Programmer you will create, maintain, and expand gameplay systems and implement game play features.

- RESPONSIBILITIES:**
- Attending core presentations as scheduled by team members and mentors.
 - Completing all tasks set out by program mentors.
 - Attending all assessment/1on1 meetings as scheduled by your mentors or production team.
 - Working closely with designers and other team members to create/improve gameplay systems.
 - Taking ownership of and assisting in the development of a variety of systems such as player movement, AI behaviour, UI design/implementation, and inventory management systems.
 - Testing, debugging, profiling, analysing, and optimising the existing code-base.
 - Contributing innovative and original ideas on all aspects of game production and development.

- PROGRAMS TO KNOW:**
- Unity Game Engine
 - C# programming language
 - Sourcetree/Git



LEARNING OUTCOMES:

- Demonstrated knowledge of the C# programming language to develop, update, and troubleshoot mobile games for iOS and Android in the Unity Game Engine.
- Experience working with Unity specific features (Monobehaviours, Physics, UI, Mechanim).
- Ability to write iOS and Android plugins for Unity.
- Experience using XCode and submitting apps to the App Store and Play Store.
- Experience with Third Party SDK implementation.
- Experience with Unity Asset Package implementation.
- Ability to work with git version control in SourceTree.
- Strong communications skills and capability to work well with technical and non-technical team members.
- Ability to time manage efficiently and work independently or cooperatively to solve problems, add new features and merge in changes.
- Ability to write reliable, efficient, easily readable code that matches company style.
- Familiarity with the Agile process.



ADDITIONAL SKILLS: *Working on your own*

- Thinking Creatively - Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions.
- Updating and Using Relevant Knowledge - Keeping up-to-date technically and applying new knowledge to your job. Be prepared to research, your market, other games, ways to do things, economies, etc.
- Making Informed Decisions and Solving Problems - Analysing information and evaluating results to choose the best solution and solve problems.
- Getting Information - Clearly interpreting direction from multiple sources and observing how information is disseminated within the team. Receiving and deciphering feedback in a constructive manner and being willing to ask questions when policy or procedure is not understood.
- Organising, Planning, and Prioritising Work - Developing specific goals and plans to prioritise, organise, and accomplish your highest standard of work.
- Demonstrate enthusiasm and drive when performing job functions, while remaining flexible in undertaking other activities and responsibilities that may arise. Be a self-starter who takes the initiative and seeks out tasks.

Working in a team

- Developing and Building Teams - Encouraging and building mutual trust, respect, and cooperation among team members. Developing and maintaining constructive and cooperative working relationships with others.
- Understand your core skills and your secondary skills - lean on others to fill in the gaps in your skill set try to grow your core skills and add more secondary skills.
- Coaching and Developing Others - Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills.
- Collaboration - seeking out opportunities to contribute to the team by exploring ideas with the team to get buy-in and get better outcomes.
- Be ready to work on anything and be prepared to be versatile.

Working with third party providers, clients & understanding your players

- Be ready to listen to your players and use that information to guide your decisions
- Be keen to talk to partners about product - clear, succinct, open-minded, friendly, and always accountable and honest.
- Commercial mindset - Focus on the customer and try to make informed choices on their behalf.

