EUAN MACDOUGALL

E-mail: euan_macd@hotmail.com   Portfolio: http://euanmacd.github.io/

www.linkedin.com/in/euan-macdougall

SUMMARY

Programmer with more than seven years of professional experience in C-family languages and various technologies. Previously employed in the video game and healthcare industries.

SKILLS

- Programming:
  - C++ (4 years) – Mostly with Unreal Engine 4, as well as various personal projects.
  - C# (3 years) – Used with the Unity Engine and MvvmCross.
  - JavaScript (9 months) – Multiple game clients with in-house framework.
- Game engines:
  - Unreal Engine 4 (3 years) – Contributed towards 2 large-scale titles as well as various prototypes.
  - Unity (8 months) - Small-scale games and personal projects.
- Other
  - PostgreSQL (1.5 years) – Occasional usage writing fairly simple queries and functions for extracting data from and extending existing systems, often used Flyway for change migration.
  - MvvmCross (1.5 years) – Worked on one large application with WPF as the platform.

EMPLOYMENT

Vision (Aug 2019 – May 2021)
- Worked as a developer for an appointments management system for use in medical practices. The client was developed using C# and MvvmCross, with WPF as the supported platform. Back end services used PostgreSQL, which I would be required to work with on occasion.

Elk Studios (Jan 2019 – Aug 2019)
- Worked as a client developer for online slot machine games. This involved implementing game specific visual sequences using JavaScript and in-house framework.

Starbreeze Studios (Oct 2016 – Dec 2018)
- Worked on an online co-op FPS game, using Unreal Engine 4 (C++). I was on the programming team since the start of the project in October 2016. I took ownership for the development of multiple core features of the gameplay experience, and built upon and maintained that functionality throughout the project.

Climax Studios (Feb 2013 – Feb 2016)
- Worked on a wide range of game projects across a number of platforms and genres, including four well-received released titles as well as a number of unreleased prototypes.
- Contributions include: General gameplay features, a complete UI system, a basic AI system, bug fixing, optimisation, and porting projects between systems.

EDUCATION

University of Abertay, Dundee (2010 – 2012)
MSc/PGDip Computer Games Technology
- Passed with distinction.

Heriot-Watt University, Edinburgh (2006 – 2010)
BSc (Hons) Computer Science
- Awarded 2:1 degree.