

Aidan O'Flannagain, Ph.D.

Senior Unity Game Developer

aidanof.com

contact@aidanof.com

Skills

Programming

- Extensive **Unity, C# & Python** gained through eight years of development & research.
- Experience with **redis** in a live MMO environment and **SQL** for personal projects.
- Daily use of **git** and **SVN** to maintain extensive codebases with large software teams.
- Ability to automate code deployment and testing via **Gitlab CI** and **Jenkins** pipelines.
- Experience deploying **Docker** instances to **AWS ECS**.
- **HTML, CSS, PHP** and **javascript** through development of personal and professional websites.
- **Unity, Godot, Golang, C#, C++** and **java** for development of small games as a hobby (see aidanof.com for examples).

Public Speaking

- Presentation of novel scientific work at a number of international conferences.
- Public engagement in classrooms (e.g., student2scientist.org), on RTEjr's "Why Guy", and at the European Space Expo.

Languages

- Native **English** (IELTS 8.5+), conversational **Japanese** (JLPT N3), basic **French, Irish**.

Employment

Jun 2021 - Pres. **Senior Unity Game Developer** Sago Sago Toys Inc.
Development of preschooler apps and games for the Sago Mini World content team

2015 - Present **Senior Game Server Engineer** DIGIT Game Studios
Development of backend game logic and tools for mobile MMO strategy games.

2014 - 2015 **Postdoctorate Researcher** Trinity College, Dublin
Development and testing of satellite instrument software for ESA.

2014 - 2015 **Python teacher, Founder** Codify Dublin
Management and teaching of Python workshop series.

Summer 2009 **Research Intern** NASA Goddard Space Flight Centre
Scientific data analysis and research.

Education

2010-2014 **Ph.D. in Solar Physics** Trinity College, Dublin
X-Ray and Radio Diagnostics of Accelerated Electrons in Solar Flares

2006-2010 **B.A. in Physics and Astrophysics** Trinity College, Dublin
*First class honours; Trinity Gold Medal award; Trinity Scholarship award;
Undergraduate Awards of Ireland and Northern Ireland Gold Medal*

References available upon Request