

Johan Holthausen

AI/Gameplay (Systems) Programmer

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Education

NHTV Breda University of Applied Sciences International Game Architecture and Design (IGAD).

- **Bachelor of Science, 2014 – 2018.**
 - Programming with focus on Gameplay and AI

Frontier Developments.

- **Internship, 2017 – 2018.**
 - AI programming

Skills

Engines

- Unreal 4 (**Intermediate**)
 - Epic Games
- Unreal 5 (**Intermediate**)
 - Epic Games
- Unity 5 (**intermediate**)
 - Unity Technologies
- Cobra Engine (**Intermediate**)
 - Frontier developments inhouse engine

Programming Languages

- Intermediate
 - C++
 - C#
- Beginner
 - Lua
 - MySQL
 - XML
 - Python

Versioning Systems

- Tortoise SVN
- Perforce P4V
- GitHub

Languages

- English (fluent)
- Dutch (native)

Experience

Firesprite, 2022 - Ongoing

- **Horizon Call of the Mountain** PlayStation 5, PS VR 2
Launch title for the PSVR 2 set in the horizon universe

Frontier Developments, 2017 - 2022

- **Warhammer Age of Sigmar RTS** PC and Consoles
RTS based on the Age of Sigmar Warhammer setting
- **F1 Manager 2022** PC and Consoles
Racing management simulation game of the 2022 Formula championships
- **Planet Coaster - Console Edition** Consoles
Theme park management simulation game
- **Jurassic World - Epic Store Edition** PC
Epic store integration for Jurassic World
- **Planet Zoo** PC
A Zoo construction and management simulation game
- **Jurassic World** PC and Console
A Jurassic World based construction and management simulation game

Dreampunks (NHTV), 2016

- **Einar** PC
A 3rd person combat game set in a Viking theme

TimeToDuel (NHTV), 2016

- **Guilds of Gwenethan** Mobile, Samsung GearVR
A augmented reality multiplayer card game

The Leftovers (NHTV), 2015

- **Neppis duel racing** Mobile, Android Tablet
A multiplayer game based on the real life version

Boinc (NHTV), 2015

- **Crashtastrophe** PC, Mobile
A fast paced puzzle game.

Personal Projects

- **SPAI** Unreal 4
A custom navigation system in unreal for spider like movement
- **Galaxians** PC
A recreation of the old-school sci-fi shooter: Galaxians
- **R_Type** PC
A recreation of the old-school sci-fi shooter: R-type
- **Micro Machines** PC
A recreation of the old-school racing game Micro machines

Industry Events

Brains Eden 2017, 2018, 2019 ([Competition page](#))
Grads in game - Rising Star 2017 ([Competition page](#))
Global Gamejam 2017 ([Competition page](#)).
NWERC 2013 ([Northwestern European Regional Contest](#))
BAPC 2013 ([Benelux Algorithm Programming Contest](#))

References

Owen McCarthy
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