

# Theodore H. Smith

London UK, theo@jeebox.org, 07939321782

Portfolio: <http://jeebox.org/portfolio>

## Summary:

Talented software-developer with a young-spirit despite many years developing. Want to use my optimisation/design skills, and great imagination, to work within a successful team.

## Objective:

To do software-development, hopefully in game-dev or something creative. Meet people with drive in a fun positive environment. Work with kind and intelligent people.

## Languages (proficient):

C / C++  
JavaScript / HTML / PHP / CSS  
GLSL / OpenGL

## Languages (familiar):

Assembly, Java, Perl, Python, Ruby, SQL

## Experience:

**Galaxxies (2016-2019, unreleased):** Created a beautiful game with unique "Tron" style. Uses a crazy magical aura GLSL effect I invented. SDF animations, procedural textures, 180fps, flyable islands customisable into space-ships or anything, creative-voxel world, and more.

Suspended due to being ambitious, new to game-dev. But I've learnt so much.

**Speedie (2014-2016):** Created my own programming language. Now my favourite! Fast as C despite being OOP. Tends to make code shorter, simpler, prettier, and run faster too! Memory-manager is significantly faster and 28% tighter than Ubuntu's malloc/free. Uses Jeebox.

**Jeebox (2011-2013, released 2019):** Created a deep new concept in computing: An extensible language for both code and natural-language, as a basis for Artificial-Intelligence. Also allows perfect translation of human-languages. (Released to aid job-searching.)

**CMS (2010, self):** Built a web-based "content manager system" for small, neat and functional websites, auto-discovers terms within-site and links them for you.

**Alfie (2006-2009, hired):** Teacher-tool to create online tests for UK students in most subjects, automated marking, and report generation for the class. (I did the majority of work in a small team. Including the server installation, scripts, user-data storage.)

**Myles (2005, hired):** Ported large Windows app to Mac (replicated many Windows APIs!)

**iView (2004, hired):** Worked on photo-library-management app. (Added Unicode and modernised internals).

**ElfData (2003, donations):** Super-fast string processing library with new algorithms / data-structures I invented. Did Unicode case-folding. Had extensive self-tests, bug-free etc.

**(2001-2002, contract):** Short contract jobs including a GUI to generate complex SQL queries.

**XML-Editor (2000, shareware):** Created an XML validator/editor. I wrote it's XML parser and Tree GUI, making it the first XML tool for Mac, used by Apple to validate their technical refs.

**Note:** Was assistant bee-keeper in 2017-2018. I enjoyed working with someone pleasant, being outside, and assisting them on their passion and not having to do complicated things!