

Samuel Twidale

Hull – United Kingdom

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Software engineer. C++ and Haxe programmer. Video game developer.

Selected Projects

Geometrize: <https://www.geometrize.co.uk/>

Werewolf Tycoon: <https://samcodes.co.uk/werewolf-tycoon-1-press-kit/>

Carmageddon Ports: <https://www.amazon.co.uk/Stainless-Games-Ltd-Carmageddon/dp/B001CHPQ84>

Accessible Crosswords: <https://samcodes.co.uk/blind-crossword-3d/>

Recent Employment

Vertual Ltd

Programmer

Extended VERT, a virtual reality radiotherapy training solution

Developed a treatment simulator for proton-based radiotherapy with extensive use of DICOM etc...

Hull

February 2016–Present

Stainless Games

Game Programmer

Maintained and expanded the classic Carmageddon 1 mobile ports

Contributed to Carmageddon: Reincarnation and Magic 2015: Duels of the Planeswalkers

Newport

August 2013–September 2014

Self Employed

Programmer

Contract programming work, indie game development and open source applications

Remote

October 2012–Present

Computing Skills

Languages: C++, Haxe, Lua, ChaiScript, Java, JavaScript, TypeScript, HTML5...

IDEs: Visual Studio 2010+, Xcode, Qt Creator, FlashDevelop, KDevelop...

Source Control: Git, Svn, Mercurial...

Software: Trello, Slack, FogBugz, JIRA, Trac...

Libraries: Qt, MFC, Boost, SDL, OpenGL/GLSL, OpenInventor, three.js, Cinder, OpenFL, HaxeFlixel...

Platforms: Windows, OSX, Linux, Android, iOS, Web: HTML5, WebGL, Flash...

CI: Jenkins, TeamCity, Travis, AppVeyor...

Misc: Familiarity with the DICOM spec...

Education

University of York

Computer Systems and Software Engineering, IEEE Accredited MEng, 2:1

York

2009–2013

Hymers College

Secondary Education, 5 A-Levels, 2 AS-Levels, 11 GCSEs at grade (A) and above

Hull

2002–2009

Interests

Recreational Programming: See repositories on GitHub. Also top 10 for StackOverflow question triage

Hiking: The Lake District is a favoured holiday destination

Languages

English: Native

With experience in technical writing and copywriting, 100 words per minute typist

German: Basic

Studied through work and college

References

Available on request: Past employers, business associates, academic tutors