

# Samuel Twidale

Hull – United Kingdom

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🌐 Tw1ddle • 🐦 Sam\_Twidale

*Software engineer. Game developer. C++ and Haxe programmer.*

## Selected Projects

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

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

**Carmageddon Ports:** <https://www.amazon.co.uk/Stainless-Games-Ltd-Carmageddon/dp/B00ICHPQ84>

**Markov Name Generator:** <https://www.samcodes.co.uk/project/markov-namegen/>

## Employment History

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### Vertual Ltd

*Programmer*

**Hull**

*February 2016–Present*

Extended VERT, a virtual reality radiotherapy training solution

Developed a new proton beam radiotherapy simulator, dosimetry algorithms, DICOM loading etc...

### Stainless Games

*Game Programmer*

**Newport**

*August 2013–September 2014*

Maintained and expanded the Carmageddon classic mobile ports

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

### Self Employed

*Programmer*

**Remote**

*October 2012–Present*

Contract software engineering, open source and game development, including Werewolf Tycoon

## Computing Skills

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**Languages:** C++, Haxe, ChaiScript, Lua, Java, TypeScript, JavaScript, HTML5...  
**Libraries:** Qt, MFC, SDL, Cinder, OpenGL/GLSL, OpenInventor, three.js, OpenFL, HaxeFlixel...

**IDEs:** Visual Studio 2010+, Xcode, Qt Creator, FlashDevelop, KDevelop...  
**Platforms:** Windows, OSX, Linux, iOS, Android, Web: HTML5, WebGL, Flash...

**Source Control:** Git, Svn, Mercurial...

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

## Education

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### 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

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**Recreational Programming:** Almost 100 GitHub repos, triaged over 10,000 questions on StackOverflow

**Hiking, Swimming:** The Lake District is a favoured holiday destination

## Languages

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**English:** Native

*Native speaker with technical writing and copywriting experience*

**German:** Basic

*Studied through work and college*

## References

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**Available on request:** Employers, business associates and academic tutors